

# **Service Manual**

**ViewSonic VG910s/b**

**Model No. VLCDS27944-3W/-4W**

**19" Color TFT LCD Display**

(VG910s/b\_SM\_721 Rev. 1a Mar. 2004)

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# **Revision History**

| Revision | Date     | Description Of Changes   | Approval   |
|----------|----------|--------------------------|------------|
| 1a       | 03/03/04 | Initial Release DCN-3605 | Angela Luh |
|          |          |                          |            |
|          |          |                          |            |
|          |          |                          |            |
|          |          |                          |            |
|          |          |                          |            |

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## 1. Precautions and Safety Notices

Prior to using this manual, please ensure that you have carefully followed all the procedures outlined in the user manual for this product.

- Read all of these instructions.
- Save these instructions for later use.
- Follow all warnings and instructions marked on the product.
- Do not use this product near water.
- This display should be installed on a solid horizontal base.
- When cleaning, use only a neutral detergent cleaner with a soft damp cloth. Do not spray with liquid or aerosol cleaners.
- Do not expose this display to direct sunlight or heat. Hot air may cause damage to the cabinet and other parts.
- Adequate ventilation must be maintained to ensure reliable and continued operation and to protect the display from overheating. Do not block ventilation slots and openings with objects or install the display in a place where ventilation may be hindered.
- Do not install this display near a motor or transformer where strong magnetism is generated. Images on the display will become distorted and the color irregular.
- Do not allow metal pieces or objects of any kind fall into the display from ventilation holes.

Slots and openings in the cabinet and the back or bottom are provided for ventilation, to ensure reliable operation of the product and to protect it from overheating, those openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.

## 2. Specification

### 2.1 General Description

|   |  |   |
|---|--|---|
| LCD<br>Fujitsu<br>FLC48SXC11V<br>AU<br>M190EN02V2 | Active matrix thin-film-transistor (TFT) Type No: FLC48SXC11V/M190EN02V2   |   |
|   | Active screen Size   | 19.0 inches diagonal                                  |
|   | Effective Display Size   | 376.32mm (H) × 301.056mm (V)                          |
|   | Pixel Pitch  | 0.294mm (H) × 0.294mm(V)                              |
|   | Pixel Format   | 1280×1024 (SXGA )                                     |
|   | Brightness   | 250cd/m <sup>2</sup> (Typ. )                          |
|   | Contrast Ratio   | 600:1 (Typ.)  |
|   | Color (8 bits)   | 16,777,216 colors                                     |
|   | Viewing Angle range<br>(CR 10, at Ta=25°C)   | Up 85° Down 85°(type)<br>Left 85° Right 85°(type)     |
|   | Backlight  | 4 CCFL  |
| Input Signals                                     | Analog RGB 0.7Vp-p / 75<br>Digital RGB DVI Ver1.0 (TMDS Single Link)<br>H/V Separate sync. Sync 2.0~5.0Vp-p, Positive/Negative, 2.2K |   |
| Input connector                                   | Analog D-sub 15 pin *1<br>Digital DVI-D 24pin *1   |   |
| Synchronization                                   | Horizontal   | 30 kHz to 82 kHz (automatically)                      |
|   | Vertical   | 50 Hz to 85 Hz (automatically)                        |
|   | Non-interlaced   | Maximum Pixel<br>Rated 135MHz                         |
| Resolution  | Horizontal   | 1280 dots   |
|   | Vertical   | 1024 lines  |
| Active Display Area                               | Horizontal   | 376.32 mm (typical, panel depends)                    |
|   | Vertical   | 301.056 mm (typical, panel depends)                   |
| Power Supply<br>Voltage Rating                    | AC input   | AC 100V~240V / 2A, 47.5~63Hz                          |
|   | DC 12V   | 5A.   |
| AC Power<br>Consumption                           | less than 60W  | On mode.  |
|   | less than 1W   | Active OFF mode.                                      |
|   | less than 1W   | DC Power OFF.   |
| Current Rating                                    | AC input   | 2A @AC 100~240V.                                      |
| Dimensions  | Net  | 422.4(W) x 382.1(H) x 62.0 (D) mm                     |
|   | Gross  | 422.4(W) x 438.48(H) x 180.56(D) mm (With stand base) |
|   | Depth(head only)   | 180.56mm  |
| Weight  | Net  | 7.5 Kg  |
|   | Gross  | 10.2 Kg   |
| Environmental<br>Conditions                       | Operating Temperature  | 0 to 40°C   |
|   | Operating Humidity   | 20 to 85%   |
|   | Storage Temperature  | -20 to 60°C   |
|   | Storage Humidity   | 5 to 85% (non-condensation)                           |
| Accessories                                       | AC cable   | 1.8m  |
|   | User Guide   | English   |
|   | CD Rom   | 1   |
|   | Warranty Card  | 1   |
|   | HD15 - HD15 cable  | 1   |
|   | DVI(D) - DVI(D) cable  | 1   |

|                      |  |
|----------------------|--|
| Regulatory Standards | UL, cUL, FCC-B, CB, CE, EPA, NOM, TUV/GS, TUV ERGO (covers ISO13406-2 & MPRII), NEMKO, SEMKO, DEMKO, FIMKO, GOST-R + 20 ORIGINAL COPIES HYGIENIC, PCBC, VCCI, BSMI, CCEE, PSB,C-TICK, TUV-S, TCO'99(VG910b), TCO'03(VG910s), Energy, Energy Star, PCT, Taiwan Green Mark |
| Others               | Tilt Angle 20° up / 5° down<br>VESA DDC 2B compatible  |

## 2.2 Electrical Characteristics

### 2.2.1 Power Supply

AC Input Voltage AC 100~240V / 47.5~63Hz

Power Consumption :

Less than 60W On mode

Less than 1W Active Off mode

Less than 1W DC power Off

Current Rating 2A @ AC 100~240V

Inrush Current

Less than 50 Amp(peak) for 120 VAC

Less than 100 Amp(peak) for 220 VAC

Power cord : detachable, 3P, 1.8m

### 2.2.2 LCD

LCD Active matrix thin-film-transistor (TFT)

Active screen size 19.0 inches (376.32mm × 301.056mm) diagonal

Pixel Format 1280 x 1024 (SXGA )

R.G.B. stripe arrangement

Display method TFT, normally Black

Pixel pitch 0.294 (H) x 0.294 (V) mm

Dot number 1280 x 1024 x 3 dots

Backlight Edge-lighting type with 4 CCFL  
(Cold Cathode Fluorescent Lamp)

Brightness 250 cd/m<sup>2</sup> (Typ.)

Contrast ratio 600:1 (Typ.)

Display color 16,777,216 colors

viewing angle typical Up 85° / down 85° / right 85° / left 85°  
(Contrast ratio 10 at Ta=25°C / 77°F)

Response time Rise time 15mS, Fall time 10mS (Typ. at Ta=25°C)

### 2.2.3 Power Management

VG910 will enter power saving mode under the following conditions:

Power Management condition and status in AC 240V

| State              | Signals            |                  |        | Power Supply | LED   |
|--------------------|--------------------|------------------|--------|--------------|-------|
|                    | Horizontal         | Vertical         | Video  |              |       |
| On                 | Pulses             | Pulses           | Active | <60W         | Green |
| Active off         | Pulse              | No Pulse         | Blank  | <1W          | Amber |
|                    | No Pulse           | Pulse            |        |              |       |
|                    | No Pulses          | No Pulses        |        |              |       |
| Out off scan range | <30KHz ,<br>>82KHz | <50Hz ,<br>>85Hz | -      | <60W         | Green |

|              |   |   |   |     |     |
|--------------|---|---|---|-----|-----|
| AC power Off | - | - | - | Off | Off |
| DC power Off | - | - | - | <1W | Off |

## 2.3 Video alignment

### 2.3.1 COLOR TEMPERATURE ALLIGNMENT

- APPLY VESA 1280x1024 / 60Hz , FULL WHITE PATTERN.( INPUT SIGNAL LEVEL =0.7Vp-p )
- AUTO WHITE BANLANCE MUST BE FINISH AT 32 GRAY PATTERN BEFORE AUTO ALIGNMENT,
- SET DEFAULT → CONTRAST TO 70% , BRIGHTNESS TO 100%

9300°K, 6500°K, : R G B SUB-BRIGHTNESS SET AS BELOW

|                  | 9300°K | 6500°K | 5400°K | 5000°K |
|------------------|--------|--------|--------|--------|
| R SUB-BRIGHTNESS | 128    | 128    | 128    | 128    |
| G SUB-BRIGHTNESS | 128    | 128    | 128    | 128    |
| B SUB-BRIGHTNESS | 128    | 128    | 128    | 128    |

SET BRIGHTNESS = 255, BLACKLEVEL = 255 AT FACTORY DEFAULT.

### 2.3.2 DIGITAL ALIGNMENT

2.3.2.1 APPLY VESA 1280x1024 / 60Hz , FULL WHITE PATTERN ,

2.3.2.2 ADJUST R, G, B SUB-CONTRAST TO MEET FOLLOWING CHROMATICITY SPEC.

$$x = 0.313 \pm 0.003, y = 0.329 \pm 0.003$$

### 2.3.3 ANALOG ALIGNMENT

#### 2.3.3.1 9300°K HIGH LUMINANCE ALIGNMENT

2.3.3.1.1 APPLY VESA 1280x1024 / 60Hz , FULL WHITE PATTERN.

2.3.3.1.2 ADJUST R, G, B SUB-CONTRAST TO MEET FOLLOWING CHROMATICITY SPEC.

$$9300^{\circ}\text{K} \quad x = 0.283 \pm 0.003, y = 0.298 \pm 0.003, Y > 155 \text{ cd/m}^2$$

#### 2.3.3.2 6500°K HIGH LUMINANCE ALIGNMENT

2.3.3.2.1 APPLY VESA 1280x1024 / 60Hz , FULL WHITE PATTERN.

2.3.3.2.2 ADJUST R, G, B SUB-CONTRAST TO MEET FOLLOWING CHROMATICITY SPEC.

$$6500^{\circ}\text{K} \quad x = 0.313 \pm 0.003, y = 0.329 \pm 0.003, Y > 190 \text{ cd/m}^2$$

#### 2.3.3.3 5400°K HIGH LUMINANCE ALIGNMENT

2.3.3.3.1 APPLY VESA 1280x1024 / 60Hz , FULL WHITE PATTERN.

2.3.3.3.2 ADJUST R, G, B SUB-CONTRAST TO MEET FOLLOWING CHROMATICITY SPEC.

$$5400^{\circ}\text{K} \quad x = 0.335 \pm 0.003, y = 0.350 \pm 0.003, Y > 180 \text{ cd/m}^2$$

#### 2.3.3.4 5000°K HIGH LUMINANCE ALIGNMENT

2.3.3.4.1 APPLY VESA 1280x1024 / 60Hz , FULL WHITE PATTERN.

2.3.3.4.2 ADJUST R, G, B SUB-CONTRAST TO MEET FOLLOWING CHROMATICITY SPEC.

$$5000^{\circ}\text{K} \quad x = 0.346 \pm 0.003, y = 0.359 \pm 0.003, Y > 180 \text{ cd/m}^2$$

#### 2.3.4 LUMINANCE TEST

##### 2.3.4.1 SET COLOR Temperature TO 9300°K

APPLY VESA 1280x1024/60Hz , APPLY FULL WHITE PATTERN, ADJUST OSD BRIGHTNESS = 100%, CONTRAST = 70%.

1. THE LUMINANCE MEASURE SHOULD BE OVER 155cd/m<sup>2</sup>

##### 2.3.4.2 SET COLOR Temperature TO 6500°K

APPLY VESA 1280x1024 / 60Hz , APPLY FULL WHITE PATTERN, ADJUST OSD BRIGHTNESS = 100%, CONTRAST = 70%

1. THE BRIGHTNESS MEASURE SHOULD BE OVER 190cd/m<sup>2</sup>
2. SET BRIGHTNESS =100% , CONTRAST=100% ,THE LUMINANCE MEASURE SHOULD BE OVER 220cd/m<sup>2</sup>

##### 2.3.4.3 SET COLOR Temperature TO 5400°K

APPLY VESA 1280x1024 / 60Hz , APPLY FULL WHITE PATTERN, ADJUST OSD BRIGHTNESS = 100%, CONTRAST = 70%

1. THE BRIGHTNESS MEASURE SHOULD BE OVER 180cd/m<sup>2</sup>

##### 2.3.4.4 SET COLOR Temperature TO 5000°K

APPLY VESA 1280x1024 / 60Hz , APPLY FULL WHITE PATTERN, ADJUST OSD BRIGHTNESS = 100%, CONTRAST = 70%

1. THE BRIGHTNESS MEASURE SHOULD BE OVER 180 cd/m<sup>2</sup>

##### 2.3.4.5 APPLY VESA 1280x1024/60Hz , APPLY FULL WHITE PATTERN, ADJUST OSD BRIGHTNESS 100%, CONTRAST 70% ,

MEASUREMENT AT CENTER OF SCREEN

| MODE   | X            | y            | Y                          |
|--------|--------------|--------------|----------------------------|
| 9300°K | 0.283±0.010  | 0.298 ±0.010 | OVER 155 cd/m <sup>2</sup> |
| 6500°K | 0.313 ±0.010 | 0.329 ±0.010 | OVER 190 cd/m <sup>2</sup> |
| 5400°K | 0.335 ±0.010 | 0.350 ±0.010 | OVER 180 cd/m <sup>2</sup> |
| 5000°K | 0.346 ±0.010 | 0.359 ±0.010 | OVER 180 cd/m <sup>2</sup> |



## 2.4 Key function define

| Key<br>“Vol -” | Key<br>“Vol +” | Key “1” | Key<br>“DOWN<br>” | Key<br>“UP” | Key “2” | power | functions                 |
|----------------|----------------|---------|-------------------|-------------|---------|-------|---------------------------|
|                |                |         |                   |             |         |       | Factory mode              |
|                |                |         |                   |             |         |       | Burn in off               |
|                |                |         |                   |             |         |       | Burn in on                |
|                |                |         |                   |             |         |       | All mode recall           |
|                |                |         |                   |             |         |       | Lock(Unlock)<br>Power Key |
|                |                |         |                   |             |         |       | Lock(Unlock)<br>Osd Key   |
|                |                |         |                   |             |         |       | Read EDID                 |

## 2.5 EDID SERIAL NO. FORMAT

### 2.5.1 EDID for VG910s

#### 2.5.1.1 Analog EDID

128 BYTES OF EDID CODE:

|     | 0  | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  |
|-----|----|----|----|----|----|----|----|----|----|----|
| 0   | 00 | FF | FF | FF | FF | FF | FF | 00 | 5A | 63 |
| 10  | 18 | DA | 01 | 01 | 01 | 01 | 01 | 0D | 01 | 03 |
| 20  | 0E | 26 | 1E | 78 | 2E | 5E | 35 | A4 | 59 | 4A |
| 30  | 98 | 25 | 10 | 50 | 54 | BF | EF | 80 | 81 | 80 |
| 40  | 81 | 40 | 71 | 4F | 01 | 01 | 01 | 01 | 01 | 01 |
| 50  | 01 | 01 | 01 | 01 | 30 | 2A | 00 | 98 | 51 | 00 |
| 60  | 2A | 40 | 30 | 70 | 13 | 00 | 78 | 2D | 11 | 00 |
| 70  | 00 | 1E | 00 | 00 | 00 | FF | 00 | 41 | 33 | 31 |
| 80  | 30 | 33 | 30 | 31 | 30 | 30 | 30 | 30 | 31 | 0A |
| 90  | 00 | 00 | 00 | FD | 00 | 32 | 4B | 1E | 52 | 0E |
| 100 | 00 | 0A | 20 | 20 | 20 | 20 | 20 | 20 | 00 | 00 |
| 110 | 00 | FC | 00 | 56 | 47 | 39 | 31 | 30 | 73 | 0A |
| 120 | 20 | 20 | 20 | 20 | 20 | 20 | 00 | 7B |    |    |

#### 2.5.1.2 Digital EDID

128 BYTES OF EDID CODE:

|     | 0  | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  |
|-----|----|----|----|----|----|----|----|----|----|----|
| 0   | 00 | FF | FF | FF | FF | FF | FF | 00 | 5A | 63 |
| 10  | 18 | DA | 01 | 01 | 01 | 01 | 01 | 0D | 01 | 03 |
| 20  | 80 | 26 | 1E | 78 | 2E | 5E | 35 | A4 | 59 | 4A |
| 30  | 98 | 25 | 10 | 50 | 54 | BF | EF | 80 | 81 | 80 |
| 40  | 81 | 40 | 71 | 4F | 31 | 0A | 01 | 01 | 01 | 01 |
| 50  | 01 | 01 | 01 | 01 | 30 | 2A | 00 | 98 | 51 | 00 |
| 60  | 2A | 40 | 30 | 70 | 13 | 00 | 78 | 2D | 11 | 00 |
| 70  | 00 | 1E | 00 | 00 | 00 | FF | 00 | 41 | 33 | 31 |
| 80  | 30 | 33 | 30 | 31 | 30 | 30 | 30 | 30 | 31 | 0A |
| 90  | 00 | 00 | 00 | FD | 00 | 32 | 4B | 1E | 52 | 0E |
| 100 | 00 | 0A | 20 | 20 | 20 | 20 | 20 | 20 | 00 | 00 |
| 110 | 00 | FC | 00 | 56 | 47 | 39 | 31 | 30 | 73 | 0A |
| 120 | 20 | 20 | 20 | 20 | 20 | 20 | 00 | D0 |    |    |

## 2.5.2 EDID for VG910b

### 2.5.2.1 Analog EDID

128 BYTES OF EDID CODE:

|     | 0  | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  |
|-----|----|----|----|----|----|----|----|----|----|----|
| 0   | 00 | FF | FF | FF | FF | FF | FF | 00 | 5A | 63 |
| 10  | 18 | DB | 01 | 01 | 01 | 01 | 01 | 0D | 01 | 03 |
| 20  | 0E | 26 | 1E | 78 | 2E | 5E | 35 | A4 | 59 | 4A |
| 30  | 98 | 25 | 10 | 50 | 54 | BF | EF | 80 | 81 | 80 |
| 40  | 81 | 40 | 71 | 4F | 01 | 01 | 01 | 01 | 01 | 01 |
| 50  | 01 | 01 | 01 | 01 | 30 | 2A | 00 | 98 | 51 | 00 |
| 60  | 2A | 40 | 30 | 70 | 13 | 00 | 78 | 2D | 11 | 00 |
| 70  | 00 | 1E | 00 | 00 | 00 | FF | 00 | 41 | 33 | 32 |
| 80  | 30 | 33 | 30 | 31 | 30 | 30 | 30 | 30 | 31 | 0A |
| 90  | 00 | 00 | 00 | FD | 00 | 32 | 4B | 1E | 52 | 0E |
| 100 | 00 | 0A | 20 | 20 | 20 | 20 | 20 | 20 | 00 | 00 |
| 110 | 00 | FC | 00 | 56 | 47 | 39 | 31 | 30 | 62 | 0A |
| 120 | 20 | 20 | 20 | 20 | 20 | 20 | 00 | 8A |    |    |

### 2.5.2.2 Digital EDID

128 BYTES OF EDID CODE:

|     | 0  | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  |
|-----|----|----|----|----|----|----|----|----|----|----|
| 0   | 00 | FF | FF | FF | FF | FF | FF | 00 | 5A | 63 |
| 10  | 18 | DB | 01 | 01 | 01 | 01 | 01 | 0D | 01 | 03 |
| 20  | 80 | 26 | 1E | 78 | 2E | 5E | 35 | A4 | 59 | 4A |
| 30  | 98 | 25 | 10 | 50 | 54 | BF | EF | 80 | 81 | 80 |
| 40  | 81 | 40 | 71 | 4F | 31 | 0A | 01 | 01 | 01 | 01 |
| 50  | 01 | 01 | 01 | 01 | 30 | 2A | 00 | 98 | 51 | 00 |
| 60  | 2A | 40 | 30 | 70 | 13 | 00 | 78 | 2D | 11 | 00 |
| 70  | 00 | 1E | 00 | 00 | 00 | FF | 00 | 41 | 33 | 32 |
| 80  | 30 | 33 | 30 | 31 | 30 | 30 | 30 | 30 | 31 | 0A |
| 90  | 00 | 00 | 00 | FD | 00 | 32 | 4B | 1E | 52 | 0E |
| 100 | 00 | 0A | 20 | 20 | 20 | 20 | 20 | 20 | 00 | 00 |
| 110 | 00 | FC | 00 | 56 | 47 | 39 | 31 | 30 | 62 | 0A |
| 120 | 20 | 20 | 20 | 20 | 20 | 20 | 00 | DF |    |    |

## APPENDIX A : PRESET TIMING CHART

### Analog Mode

|                      |        | 1         | 2         | 3        | 4        | 5        | 6        | 7        |
|----------------------|--------|-----------|-----------|----------|----------|----------|----------|----------|
| Signal name          | symbol | TEXT mode | TEXT mode | VGA      | MAC-II   | VESA-VGA | VESA-VGA | VESA-VGA |
| H-frequency (kHz)    |        | 31.468    | 31.469    | 31.468   | 35.001   | 37.5     | 37.862   | 43.269   |
| V-frequency (Hz)     |        | 70.087    | 70.087    | 59.941   | 66.667   | 75       | 72.807   | 85.005   |
| Pixel rate (MHz)     |        | 25.175    | 28.322    | 25.175   | 30.240   | 31.5     | 31.501   | 36.000   |
| H-sync               | Ths    | 96        | 108       | 96       | 64       | 64       | 40       | 56       |
| H-back porch         | Thb    | 48        | 54        | 48       | 96       | 120      | 128      | 80       |
| Count num (H-total)  | Thd    | 800       | 900       | 800      | 864      | 840      | 832      | 832      |
| H- front porch       | Thf    | 16        | 18        | 16       | 64       | 16       | 24       | 56       |
| V-sync               | Tvs    | 2         | 2         | 2        | 3        | 3        | 3        | 3        |
| V-back porch         | Tvb    | 60        | 35        | 33       | 39       | 16       | 28       | 25       |
| Count num (V-total)  | Tvd    | 449       | 449       | 525      | 525      | 500      | 520      | 509      |
| V-front porch        | Tvf    | 37        | 12        | 10       | 3        | 1        | 9        | 1        |
| H-sync. Polarity     |        | Positive  | Negative  | Negative | Negative | Negative | Negative | Negative |
| V-sync Polarity      |        | Negative  | Positive  | Negative | Negative | Negative | Negative | Negative |
| H-resolution (dots)  |        | 640       | 720       | 640      | 640      | 640      | 640      | 640      |
| V-resolution (lines) |        | 350       | 400       | 480      | 480      | 480      | 480      | 480      |

|                      |        | 8          | 9        | 10       | 11       | 12       | 13       | 14       |
|----------------------|--------|------------|----------|----------|----------|----------|----------|----------|
| Signal name          | Symbol | IBM-8514 A | SVGA     | SVGA     | SVGA     | SVGA     | MAC 16"  | XGA      |
| H-frequency (kHz)    |        | 35.156     | 37.879   | 48.077   | 46.875   | 53.674   | 49.725   | 48.363   |
| V-frequency (Hz)     |        | 56.250     | 60.317   | 72.188   | 75.000   | 85.061   | 74.5     | 60.004   |
| Pixel rate (MHz)     |        | 36.000     | 40.000   | 50.000   | 49.500   | 56.250   | 57.283   | 65.000   |
| H-sync               | Ths    | 72         | 128      | 120      | 80       | 64       | 64       | 136      |
| H-back porch         | Thb    | 128        | 88       | 64       | 160      | 152      | 224      | 160      |
| Count num (H-total)  | Thd    | 1024       | 1056     | 1040     | 1056     | 1048     | 1152     | 1344     |
| H- front porch       | Thf    | 24         | 40       | 56       | 16       | 32       | 32       | 24       |
| V-sync               | Tvs    | 2          | 4        | 6        | 3        | 3        | 3        | 6        |
| V-back porch         | Tvb    | 22         | 23       | 23       | 21       | 27       | 39       | 29       |
| Count num (V-total)  | Tvd    | 625        | 628      | 666      | 625      | 631      | 667      | 806      |
| V-front porch        | Tvf    | 1          | 1        | 37       | 1        | 1        | 1        | 3        |
| H-sync. Polarity     |        | Negative   | Positive | Positive | Positive | Positive | Negative | Negative |
| V-sync Polarity      |        | Negative   | Positive | Positive | Positive | Positive | Negative | Negative |
| H-resolution (dots)  |        | 800        | 800      | 800      | 800      | 800      | 832      | 1024     |
| V-resolution (lines) |        | 600        | 600      | 600      | 600      | 600      | 624      | 768      |

|                        |        | 15       | 16       | 17       | 18       | 19       | 20       | 21       |
|------------------------|--------|----------|----------|----------|----------|----------|----------|----------|
| Signal name            | Symbol | XGA      | XGA      | XGA      | XGA      | SXGA     | 720P     | SXGA     |
| H-frequency (kHz)      |        | 56.476   | 58.099   | 60.023   | 68.677   | 63.981   | 45.000   | 79.976   |
| V-frequency (Hz)       |        | 70.069   | 72.082   | 75.029   | 84.997   | 60.02    | 60.00    | 75.025   |
| Pixel rate (MHz)       |        | 75.000   | 78.084   | 78.750   | 94.500   | 108      | 74.250   | 135      |
| H-sync                 | Ths    | 136      | 136      | 96       | 96       | 112      | 40       | 144      |
| H-back porch           | Thb    | 144      | 160      | 176      | 208      | 248      | 270      | 248      |
| Count num<br>(H-total) | Thd    | 1328     | 1344     | 1312     | 1376     | 1688     | 1658     | 1688     |
| H- front porch         | Thf    | 24       | 24       | 16       | 48       | 48       | 60       | 16       |
| V-sync                 | Tvs    | 6        | 6        | 3        | 3        | 3        | 5        | 3        |
| V-back porch           | Tvb    | 29       | 29       | 28       | 36       | 38       | 20       | 38       |
| Count num<br>(V-total) | Tvd    | 806      | 806      | 800      | 808      | 1066     | 750      | 1066     |
| V-front porch          | Tvf    | 3        | 3        | 1        | 1        | 1        | 5        | 1        |
| H-sync. Polarity       |        | Negative | Negative | Positive | Positive | Positive | Negative | Positive |
| V-sync Polarity        |        | Negative | Negative | Positive | Positive | Positive | Negative | Positive |
| H-resolution (dots)    |        | 1024     | 1024     | 1024     | 1024     | 1280     | 1280     | 1280     |
| V-resolution (lines)   |        | 768      | 768      | 768      | 768      | 1024     | 720      | 1024     |

Notes: Because this model no support FRC and in order to meet the panel spec of vertical frequency, some timing can not full screen in vertical size.

Ex:640x400/70Hz;640x350/70Hz ;720x400/70Hz ;640x480/85Hz;800x600/85Hz;  
1024x768/85Hz.

## Digital Mode

|                      |        | 1         | 2         | 3        | 4        | 5        | 6        | 7        |
|----------------------|--------|-----------|-----------|----------|----------|----------|----------|----------|
| Signal name          | symbol | TEXT mode | TEXT mode | VGA      | VGA      | VESA-VGA | VESA-VGA | VESA-VGA |
| H-frequency (kHz)    |        | 31.468    | 31.469    | 31.468   | 31.468   | 37.5     | 37.862   | 43.269   |
| V-frequency (Hz)     |        | 70.087    | 70.087    | 70.000   | 59.941   | 75       | 72.807   | 85.005   |
| Pixel rate (MHz)     |        | 25.175    | 28.322    | 25.175   | 25.175   | 31.5     | 31.501   | 36.000   |
| H-sync               | Ths    | 96        | 108       | 96       | 96       | 64       | 40       | 56       |
| H-back porch         | Thb    | 48        | 54        | 48       | 48       | 120      | 128      | 80       |
| Count num (H-total)  | Thd    | 800       | 900       | 800      | 800      | 840      | 832      | 832      |
| H- front porch       | Thf    | 16        | 18        | 16       | 16       | 16       | 24       | 56       |
| V-sync               | Tvs    | 2         | 2         | 2        | 2        | 3        | 3        | 3        |
| V-back porch         | Tvb    | 60        | 35        | 35       | 33       | 16       | 28       | 25       |
| Count num (V-total)  | Tvd    | 449       | 449       | 449      | 525      | 500      | 520      | 509      |
| V-front porch        | Tvf    | 37        | 12        | 10       | 6        | 1        | 9        | 1        |
| H-sync. Polarity     |        | Positive  | Negative  | Negative | Negative | Negative | Negative | Negative |
| V-sync Polarity      |        | Negative  | Positive  | Negative | Negative | Negative | Negative | Negative |
| H-resolution (dots)  |        | 640       | 720       | 640      | 640      | 640      | 640      | 640      |
| V-resolution (lines) |        | 350       | 400       | 400      | 480      | 480      | 480      | 480      |

|                      |        | 8         | 9        | 10       | 11       | 12       | 13       | 14       |
|----------------------|--------|-----------|----------|----------|----------|----------|----------|----------|
| Signal name          | Symbol | IBM-8514A | SVGA     | SVGA     | SVGA     | SVGA     | XGA      | XGA      |
| H-frequency (kHz)    |        | 35.156    | 37.879   | 48.077   | 46.875   | 53.674   | 48.363   | 56.476   |
| V-frequency (Hz)     |        | 56.250    | 60.317   | 72.188   | 75.000   | 85.061   | 60.004   | 70.069   |
| Pixel rate (MHz)     |        | 36.000    | 40.000   | 50.000   | 49.500   | 56.250   | 65.000   | 75.000   |
| H-sync               | Ths    | 72        | 128      | 120      | 80       | 64       | 136      | 136      |
| H-back porch         | Thb    | 128       | 88       | 64       | 160      | 152      | 160      | 144      |
| Count num (H-total)  | Thd    | 1024      | 1056     | 1040     | 1056     | 1048     | 1344     | 1328     |
| H- front porch       | Thf    | 24        | 40       | 56       | 16       | 32       | 24       | 24       |
| V-sync               | Tvs    | 2         | 4        | 6        | 3        | 3        | 6        | 6        |
| V-back porch         | Tvb    | 22        | 23       | 23       | 21       | 27       | 29       | 29       |
| Count num (V-total)  | Tvd    | 625       | 628      | 666      | 625      | 631      | 806      | 806      |
| V-front porch        | Tvf    | 1         | 1        | 37       | 1        | 1        | 3        | 3        |
| H-sync. Polarity     |        | Negative  | Positive | Positive | Positive | Positive | Negative | Negative |
| V-sync Polarity      |        | Negative  | Positive | Positive | Positive | Positive | Negative | Negative |
| H-resolution (dots)  |        | 800       | 800      | 800      | 800      | 800      | 1024     | 1024     |
| V-resolution (lines) |        | 600       | 600      | 600      | 600      | 600      | 768      | 768      |

|                      |        | 15       | 16       | 17       | 18       | 19       |
|----------------------|--------|----------|----------|----------|----------|----------|
| Signal name          | Symbol | XGA      | XGA      | XGA      | SXGA     | HD-720P  |
| H-frequency (kHz)    |        | 58.099   | 60.023   | 68.677   | 63.981   | 45.000   |
| V-frequency (Hz)     |        | 72.082   | 75.029   | 84.997   | 60.02    | 60.00    |
| Pixel rate (MHz)     |        | 78.084   | 78.750   | 94.500   | 108      | 74.250   |
| H-sync               | Ths    | 136      | 96       | 96       | 112      | 40       |
| H-back porch         | Thb    | 160      | 176      | 208      | 248      | 270      |
| Count num (H-total)  | Thd    | 1344     | 1312     | 1376     | 1688     | 1658     |
| H- front porch       | Thf    | 24       | 16       | 48       | 48       | 60       |
| V-sync               | Tvs    | 6        | 3        | 3        | 3        | 5        |
| V-back porch         | Tvb    | 29       | 28       | 36       | 38       | 20       |
| Count num (V-total)  | Tvd    | 806      | 800      | 808      | 1066     | 750      |
| V-front porch        | Tvf    | 3        | 1        | 1        | 1        | 5        |
| H-sync. Polarity     |        | Negative | Positive | Positive | Positive | Negative |
| V-sync Polarity      |        | Negative | Positive | Positive | Positive | Negative |
| H-resolution (dots)  |        | 1024     | 1024     | 1024     | 1280     | 1280     |
| V-resolution (lines) |        | 768      | 768      | 768      | 1024     | 720      |

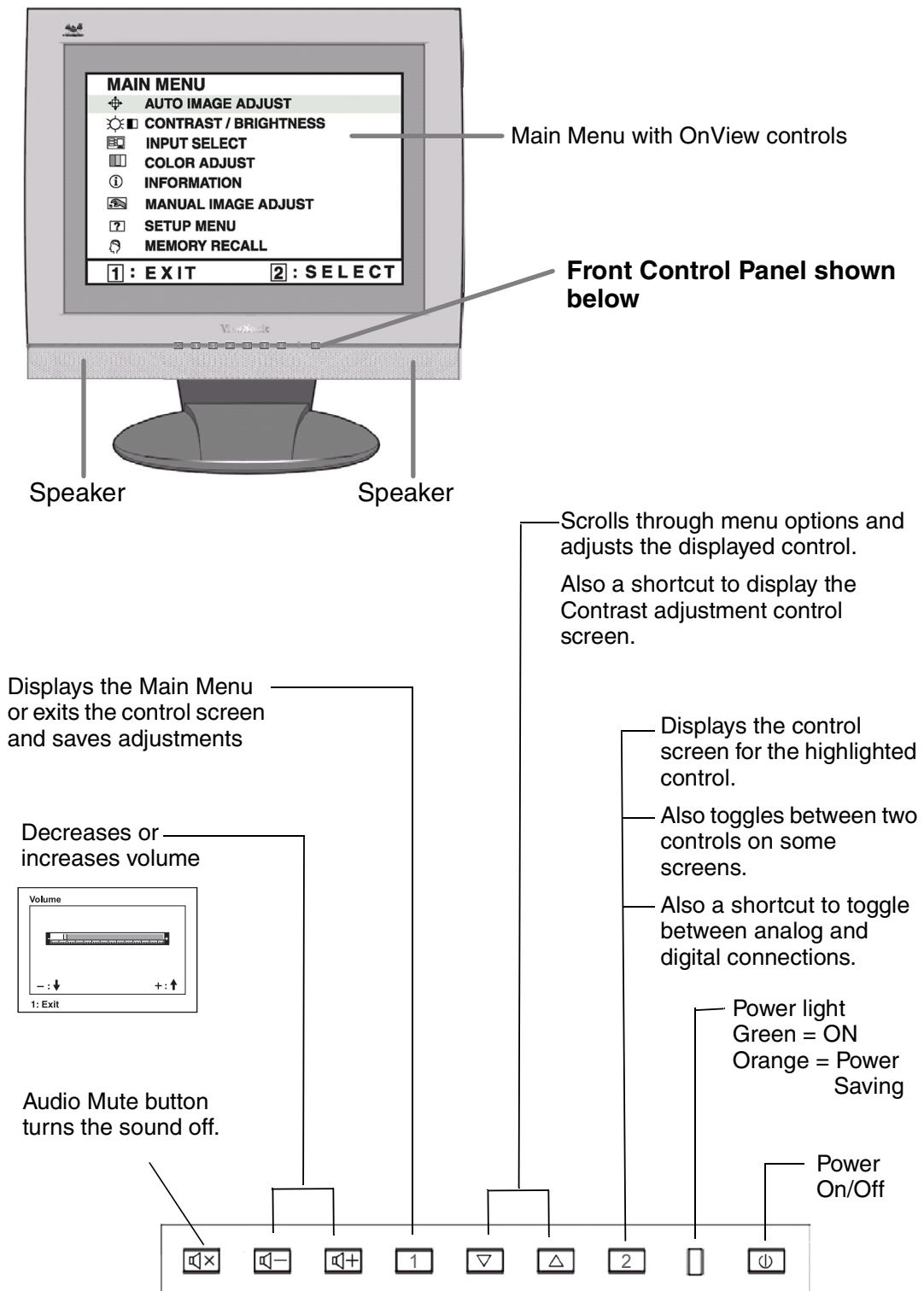
Notes: Because this model no support FRC and in order to meet the panel spec of vertical frequency, some timing can not full screen in vertical size.

Ex:640x400/70Hz;640x350/70Hz ;720x400/70Hz ;640x480/85Hz;800x600/85Hz;  
1024x768/85Hz.

### 3. Front Panel Function Control Description

#### Adjusting the Screen Image:

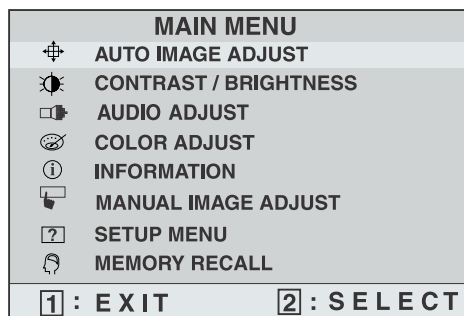
Use the buttons on the front control panel to display and adjust the OnView® controls which display on the screen. The OnView controls are explained at the top of the next page and are defined in “Main Menu Controls” on page 9.





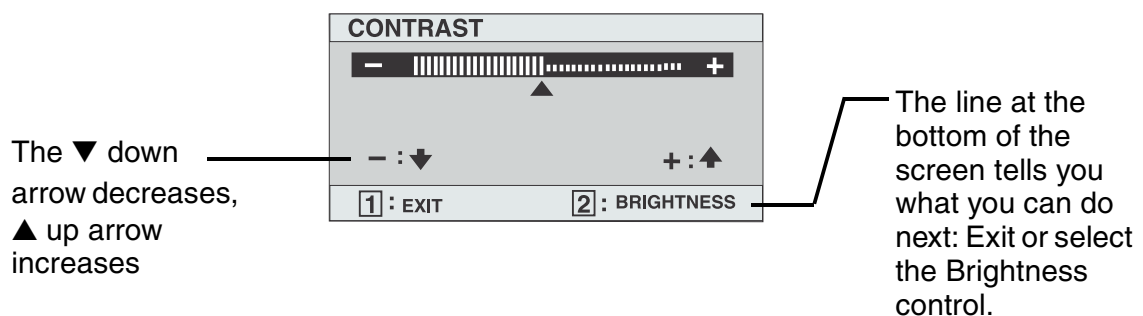
## Do the following to adjust the screen image:

- 1 To display the Main Menu, press button [1].



**NOTE:** All OnView menus and adjustment screens disappear automatically after about 30 seconds.

- 2 To select a control you want to adjust, press ▲ or ▼ to scroll up or down the Main Menu.
- 3 After the control is selected, press button [2]. A control screen like the one shown below appears.



- 4 To adjust the control, press the up ▲ or down ▼ buttons.
- 5 To save the adjustments and exit the menu, press button [1] *twice*.

## The following tips may help you optimize your display:

- Adjust your computer's graphic card so that it outputs a video signal 1280 x 1024 @ 60 Hz to the LCD display. (Look for instructions on "changing the refresh rate" in your graphic card's user guide.)
- If necessary, make small adjustments using H POSITION and V POSITION until the screen image is completely visible. (The black border around the edge of the screen should barely touch the illuminated "active area" of the LCD display.)

Main Menu Controls

Adjust the menu items shown below by using the up ▲ and down ▼ buttons.

Control      Explanation



**Auto Image Adjust** automatically sizes, centers, and fine tunes the video signal to eliminate waviness and distortion.  
Press the [2] button to obtain a sharper image.  
NOTE: Auto Image Adjust works with most common video cards. If this function does not work on your LCD display, then lower the video refresh rate to 60 Hz and set the resolution to its pre-set value.



**Contrast** adjusts the difference between the image background (black level) and the foreground (white level).

**Brightness** adjusts background black level of the screen image.



Audio Adjust

|                              |
|------------------------------|
| AUDIO ADJUST                 |
| VOLUME                       |
| BALANCE                      |
| BASS                         |
| TREBLE                       |
| MUTE                         |
| [1] : EXIT      [2] : SELECT |

**Volume** increases the volume, decreases the volume, and mutes the audio.

**Balance** adjusts the proportion of sound coming from each speaker.

**Bass** adjusts the low (bass) frequency audio output.

**Treble** adjusts the high (treble) frequency audio output.

**Mute** temporarily silences audio output.



**Color Adjust** provides several color adjustment modes: preset color temperatures and **RGB** which allows you to adjust red (**R**), green (**G**), and blue (**B**) separately. The factory setting for this product is 6500K (6500 Kelvin).

| COLOR ADJUST |              |
|--------------|--------------|
| SRGB         |              |
| 9300K        |              |
| 6500K        |              |
| 5400K        |              |
| 5000K        |              |
| USER COLOR   |              |
| [1] : EXIT   | [2] : SELECT |

**sRGB** — sRGB is quickly becoming the industry standard for color management, with support being included in many of the latest applications. Enabling this setting allows the LCD display to more accurately display colors the way they were originally intended. Enabling the sRGB setting will cause the Contrast and Brightness adjustments to be disabled.

**9300K** — Adds blue to the screen image for cooler white (used in most office settings with fluorescent lighting).

**6500K** — Adds red to the screen image for warmer white and richer red.

**5400K** — Adds green to the screen image for a darker color.

**5000K** — Adds blue and green to the screen image for a darker color.

**User Color** — Individual adjustments for red (R), green (G), and blue (B).

**1** To select color (R, G or B) press button [2].

**2** To adjust selected color, press ▲ or ▼.

**Important:** If you select RECALL from the Main Menu when the product is set to a Preset Timing Mode, colors return to the 6500K factory preset.



**Information** displays the timing mode (video signal input) coming from the graphics card in your computer. See your graphic card's user guide for instructions on changing the resolution and refresh rate (vertical frequency).

**NOTE:** VESA 1280 x 1024 @ 60 Hz (recommended) means that the resolution is 1280 x 1024 and the refresh rate is 60 Hertz.

| INFORMATION                  |
|------------------------------|
| RESOLUTION: **** x ****      |
| FREQUENCY: H = *** kHz       |
| V = *** Hz                   |
| MODEL NUMBER : *****         |
| SERIAL NUMBER : *****        |
| WEB SITE : www.ViewSonic.com |
| [1] : EXIT                   |



**Manual Image Adjust** displays the Manual Image Adjust menu.

| MANUAL IMAGE ADJUST     |
|-------------------------|
| H/V POSITION            |
| HORIZONTAL SIZE         |
| FINE TUNE               |
| SHARPNESS               |
| [1] : EXIT [2] : SELECT |

The **Manual Image Adjust** controls are explained below:

**Horizontal Position** moves the screen image left or right.

**Vertical Position** moves the screen image up or down.

**Horizontal Size** adjusts the width of the screen image.

**Fine Tune** sharpens focus by aligning the illuminated text and/or graphic characters.

**Sharpness** adjusts the clarity and focus of the screen image.



**Setup Menu** displays the menu shown below.

| SETUP MENU        |              |
|-------------------|--------------|
| LANGUAGE          |              |
| RESOLUTION NOTICE |              |
| OSD POSITION      |              |
| OSD TIMEOUT       |              |
| OSD BACKGROUND    |              |
| [1] : EXIT        | [2] : SELECT |

The **Setup Menu** controls are explained below:

**Language** allows you to choose the language used in the menus and control screens.

**Resolution Notice** displays the Resolution Notice menu shown below.

| RESOLUTION NOTICE  |
|--|
| For best picture quality, change the resolution to 1280 x 1024 |
| Press "1" to clear message                                     |
| Press "2" to disable message                                   |
| [1] : EXIT   |

**Resolution Notice** advises the optimal resolution to use.

**OSD Position** allows you to move the on-screen display menus and control screens.

**OSD Timeout** sets the length of time an on-screen display screen is displayed. For example, with a "15 second" setting, if a control is not pushed within 15 seconds, the display screen disappears.

**OSD Background** allows you to turn the On-Screen-Display background on or off.



**Memory Recall** returns adjustments to the original factory settings if the display is operating in a factory Preset Timing Mode listed in this user guide.

**Exception:** This control does not affect changes made with the User Color control.

## 4. Circuit Description

### 4.1 Power supply (DC/DC Converter):

4.1.1 IC251 MP1583 is a switching regulator controller that uses PWM method. That can be used for DC to DC conversion for step-down. It converts a 12V DC into regulated and stable output voltage of 5V.

4.1.2 Regulator:

IC253 function is to convert a 5V into regulated and stable O/P 3.3V.

D252, D253 are 3.3V convert 2.5V.

### 4.2 DDC data select:

4.2.1 IC601(AT24C02) saves D-SUB DDC data.

4.2.2 IC602(AT24C02) saves DVI, DDC data.

### 4.3 MCU

The MTV312M micro-controller is an 8051 CPU core embedded device especially tailored for CRT/LCD Monitor application. It includes an 8051 CPU core, 1024-byte SRAM, 14 built-in PWM DACs, VESA DDC interface, 4-channel A/D converter, and a 64K-byte internal program Flash-ROM.

The MCU controls the keyboard signal and audio signal.

### 4.4 Scalar

The MST9131A is a high performance, and fully integrated graphics processing IC solution for LCD monitors with resolutions up to SXGA. It is configured with an integrated triple-ADC/PLL, a high quality scaling engine, an on-screen display controller, a built-in output clock generator, an integrated DVI receiver, and LVDS display interface. To further reduce system costs, the MST9131A also integrates intelligent power management control capability for green-mode requirements and spread-spectrum support for EMI management.

The analog input (CN602) signal and DVI-D input(CN601) signal are designed to be connected directly to scalar IC, The MST9131A built-in LVDS transmitter, is designed to be connected directly to panel.

### 4.5 Audio processor

IC802(PT2313L) is a four-channel digital control audio processor utilizing CMOS Technology. Volume, Bass, Treble and Balance, Front/Rear Fader Processor are incorporated into a single chip. Loudness function and Selectable input gain are also provided to build a highly effective electronic Audio processor having the highest performance and reliability with the least external components. All functions are programmable using the I<sup>2</sup>C Bus.

Volume signal through IC802 pin34(right) pin25(left) into audio amplifier.

### 4.6 Audio amplifier

IC803(TDA1517) is an integrated class-B dual output amplifier, It contains two identical amplifier differential input stages. The gain of each amplifier is fixed at 20dB.

Pins 1 and 9 are right and left channel inputs respectively. Pins 4 and 6 are right and left channel outputs which connect to two 4OHM speakers.

Pin 8 is the mute/stand-by.

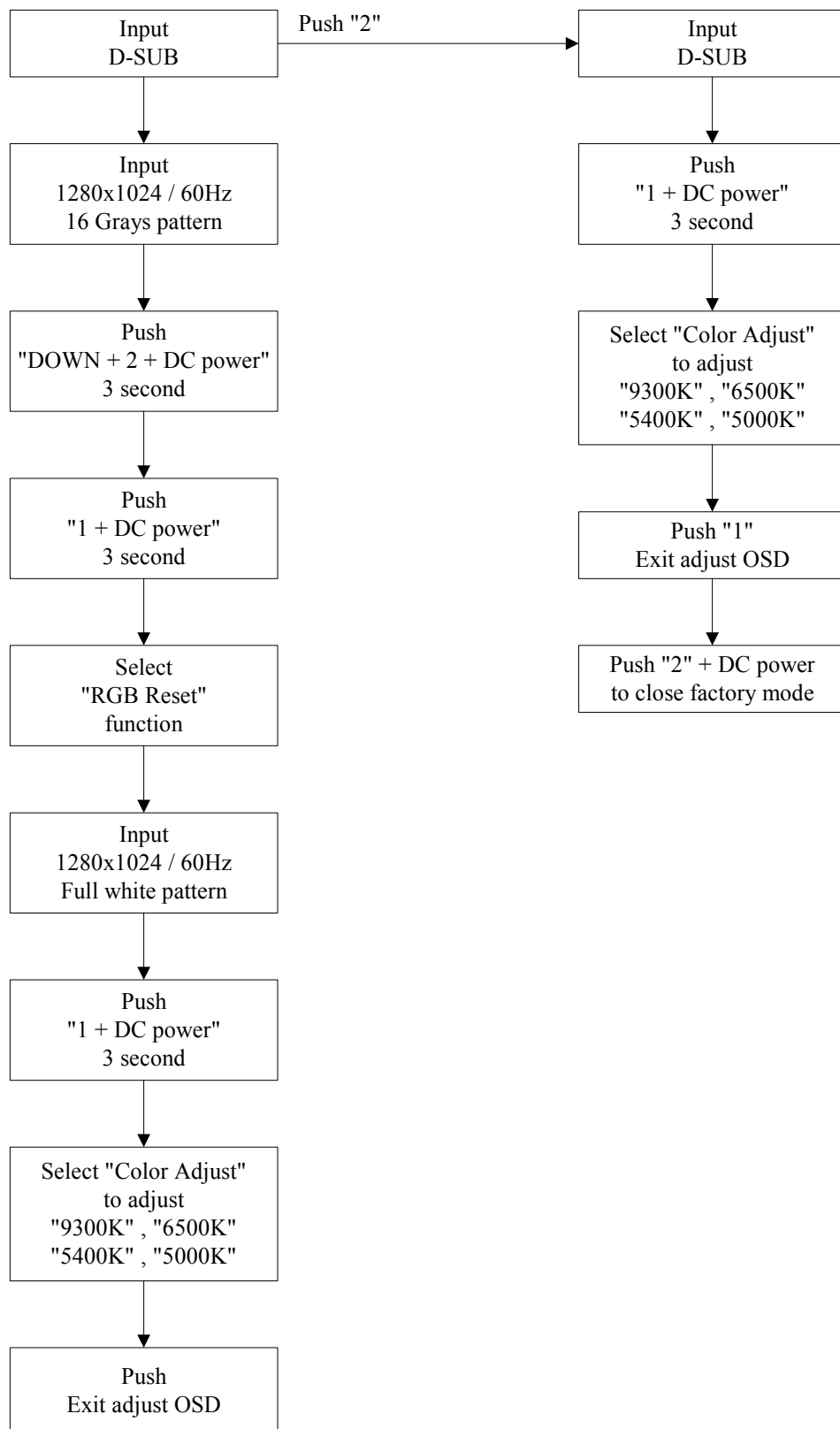
## 5. Adjusting Procedure

### 5.1 General.

1. All specification must be met over line voltage range of 90V<sub>AC</sub> to 264V<sub>AC</sub> 50Hz / 60Hz, unless otherwise specified.
2. Operating temperature range is 0°C to 40°C with a relative humidity of 10% or less to 80%.
3. The monitor must be operational in a usable state within 30 minutes after turn-on.
4. All signal levels are measured assuming termination at the monitor's input jacks or in its characteristic impedance.
5. All controls must have excess range (no control may be left at an end stop when proper alignment is completed).
6. The monitor is not required to meet specs during the following but must tolerate, without damage to the LCD or circuits, any sequence or combination of power on and off, signal on and off, erratic, wrong frequency or noisy inputs while at any possible unplugging of power or signal, settings of user accessible controls likewise, the monitor should survive extended periods of operation with line voltage reduced below the specified minimum.
7. An isolation transformer should be used when performing alignment and tests, Portions of the power supply board are hot ground, The remaining boards are cold ground.
8. Ambient condition:
  - 8.1 Illumination: In usual inspection of electric performance and mechanical performance, it shall be 150 ~ 260lux.
  - 8.2 Environmental noise: Less than 60dB.
  - 8.3 Interference of EMI: The inspection shall be carried out in the place where a set is not disturbed by external unnecessary electric wave and magnetic field.
  - 8.4 Temperature:  $24 \pm 2^{\circ}\text{C}$ .
  - 8.5 Humidity:  $65 \pm 20\%$ .

## 5.2 Instrument alignment.

### 5.2.1 Adjustment procedure.





## 5.2.2 Video alignment.

### 5.2.1.1 Preset condition.

5.2.1.1.1 Setting the contrast to 70%, brightness to 100%.

5.2.1.1.2 Input 1280x1024 / 60Hz, 16 gray pattern (input level 100IRE 0.7Vp-p), then press “RGB RESET”. 9300K / 6500K / 5400K / 5000K, R G B offset preset as below:

|                | 9300K  |     | 6500K  |     | 5400K  |     | 5000K  |     |
|----------------|--------|-----|--------|-----|--------|-----|--------|-----|
|                | Analog | DVI | Analog | DVI | Analog | DVI | Analog | DVI |
| R sub-contrast | 128    | 128 | 128    | 128 | 128    | 128 | 128    | 128 |
| G sub-contrast | 128    | 128 | 128    | 128 | 128    | 128 | 128    | 128 |
| B sub-contrast | 128    | 128 | 128    | 128 | 128    | 128 | 128    | 128 |

### 5.2.1.2 9300K alignment:

5.2.1.2.1 Input 1280x1024 / 60Hz & full white pattern at 100IRE.

5.2.1.2.2 Adjust R, G, and B sub-contrast to meet following chromaticity spec:

9300K  $\rightarrow x = 0.283 \pm 0.005, y = 0.298 \pm 0.005, Y > 155\text{cd/m}^2$  (Both analog & DVI).

### 5.2.1.3 6500K alignment:

5.2.1.3.1 Input 1280x1024 / 60Hz & full white pattern at 100IRE.

5.2.1.3.2 Adjust R, G and B sub-contrast to meet following chromaticity spec:

6500°K  $\rightarrow x = 0.313 \pm 0.005, y = 0.329 \pm 0.005, Y > 190\text{cd/m}^2$  (Both analog & DVI).

### 5.2.1.4 5400K alignment:

5.2.1.4.1 Input 1280x1024 / 60Hz & full white pattern at 100IRE.

5.2.1.4.2 Adjust R, G, and B sub-brightness to meet following chromaticity spec:

5400K  $\rightarrow x = 0.335 \pm 0.005, y = 0.350 \pm 0.005, Y > 180\text{cd/m}^2$  (Both analog & DVI).

### 5.2.1.5 5000K alignment:

5.2.1.5.1 Input 1280x1024 / 60Hz & full white pattern at 100IRE.

5.2.1.5.2 Adjust R, G and B sub-contrast to meet following chromaticity spec:

5000°K  $\rightarrow x = 0.346 \pm 0.005, y = 0.359 \pm 0.005, Y > 180\text{cd/m}^2$  (Both analog & DVI).

### 5.2.1.6 64grays & 16grays pattern check:

5.2.1.6.1 Input 1280x1024 / 60Hz & 64 grays pattern at 100IRE, adjust brightness 100%, and contrast 70%.

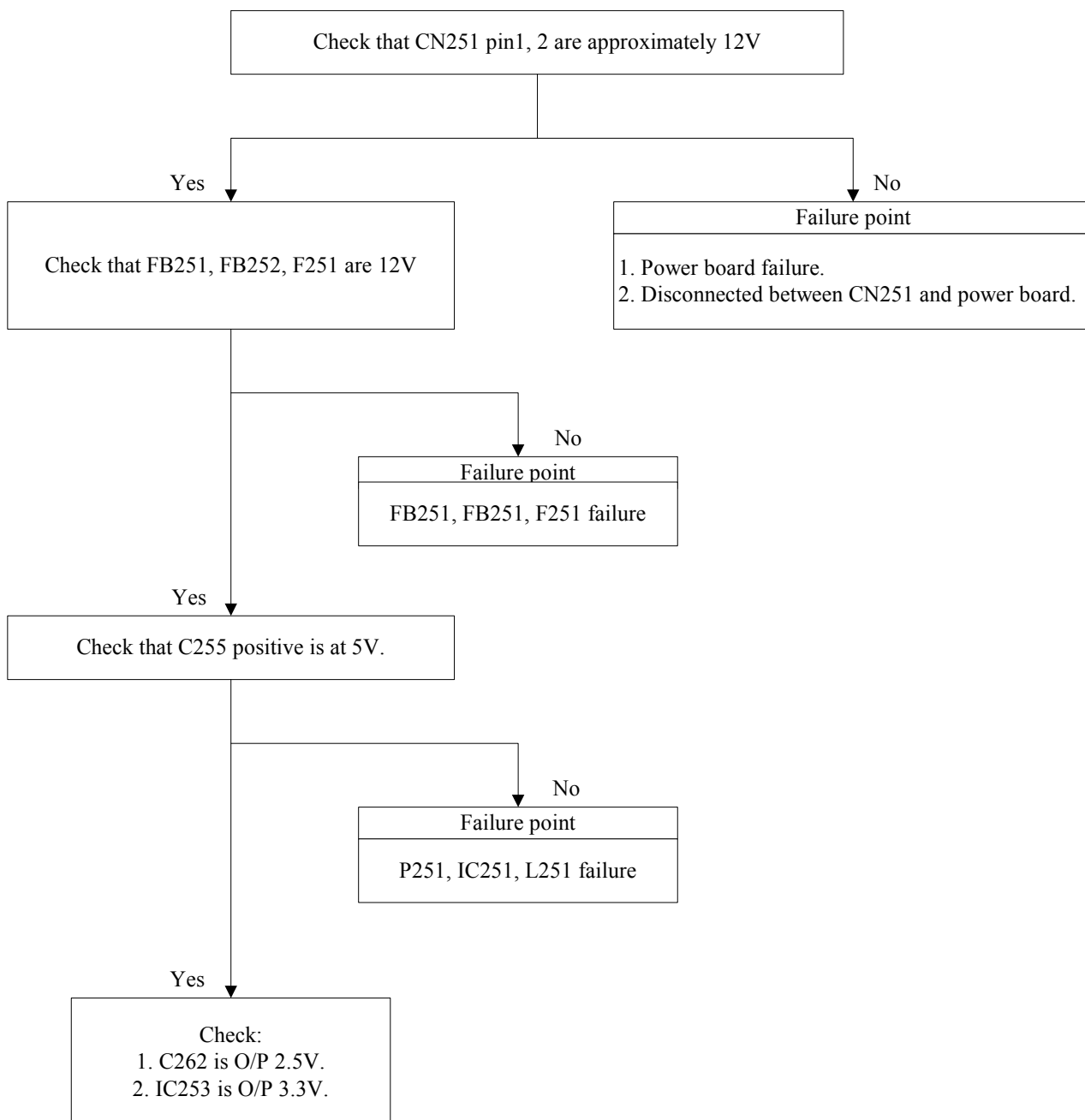
5.2.1.6.2 9300K / 6500K / 5400K / 5000K, the 64 grays can 2steps saturation.

5.2.1.6.3 Input 1280x1024 / 60Hz & 16 grays pattern at 100IRE, adjust brightness 100%, and contrast 100%.

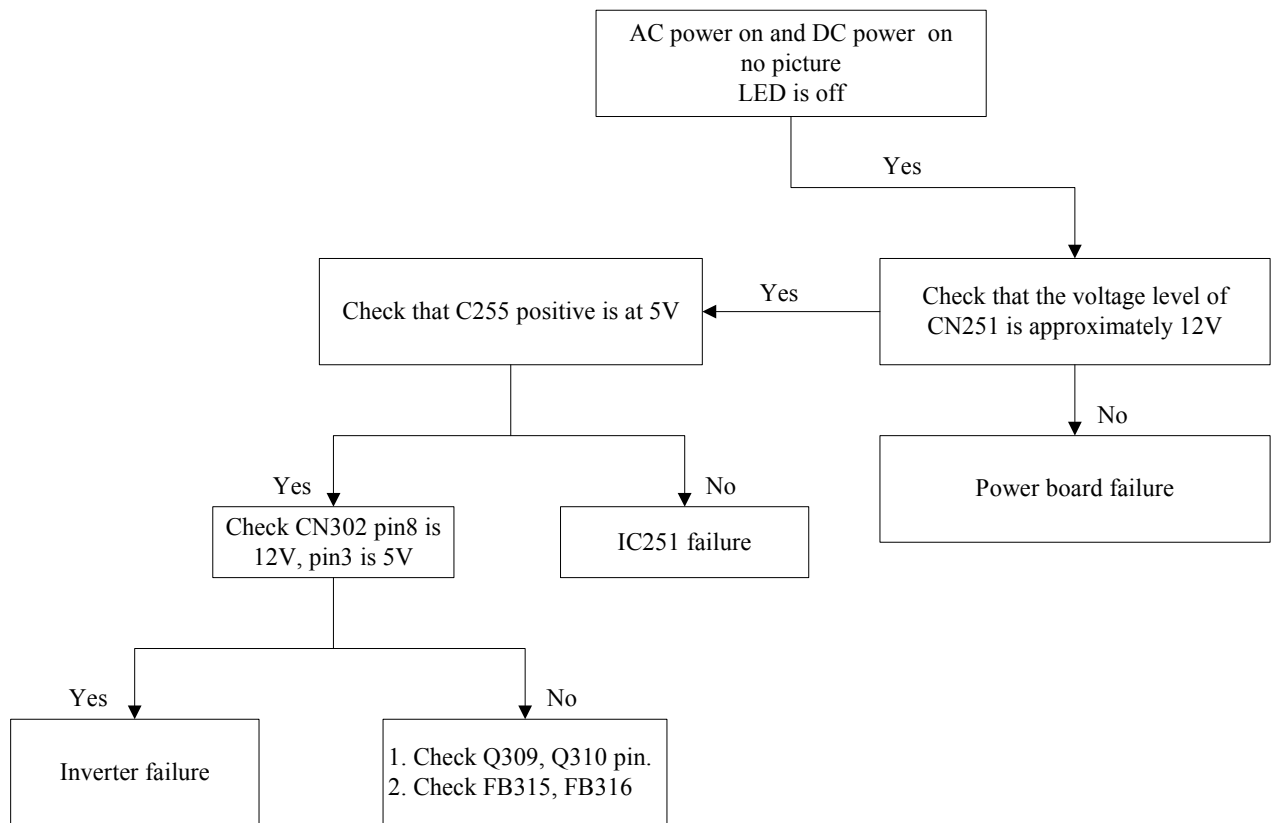
5.2.1.6.4 9300K / 6500K / 5400K / 5000K, the 16 grays only had 4 grays can saturation.

## 6. Trouble Shooting Flow Chart

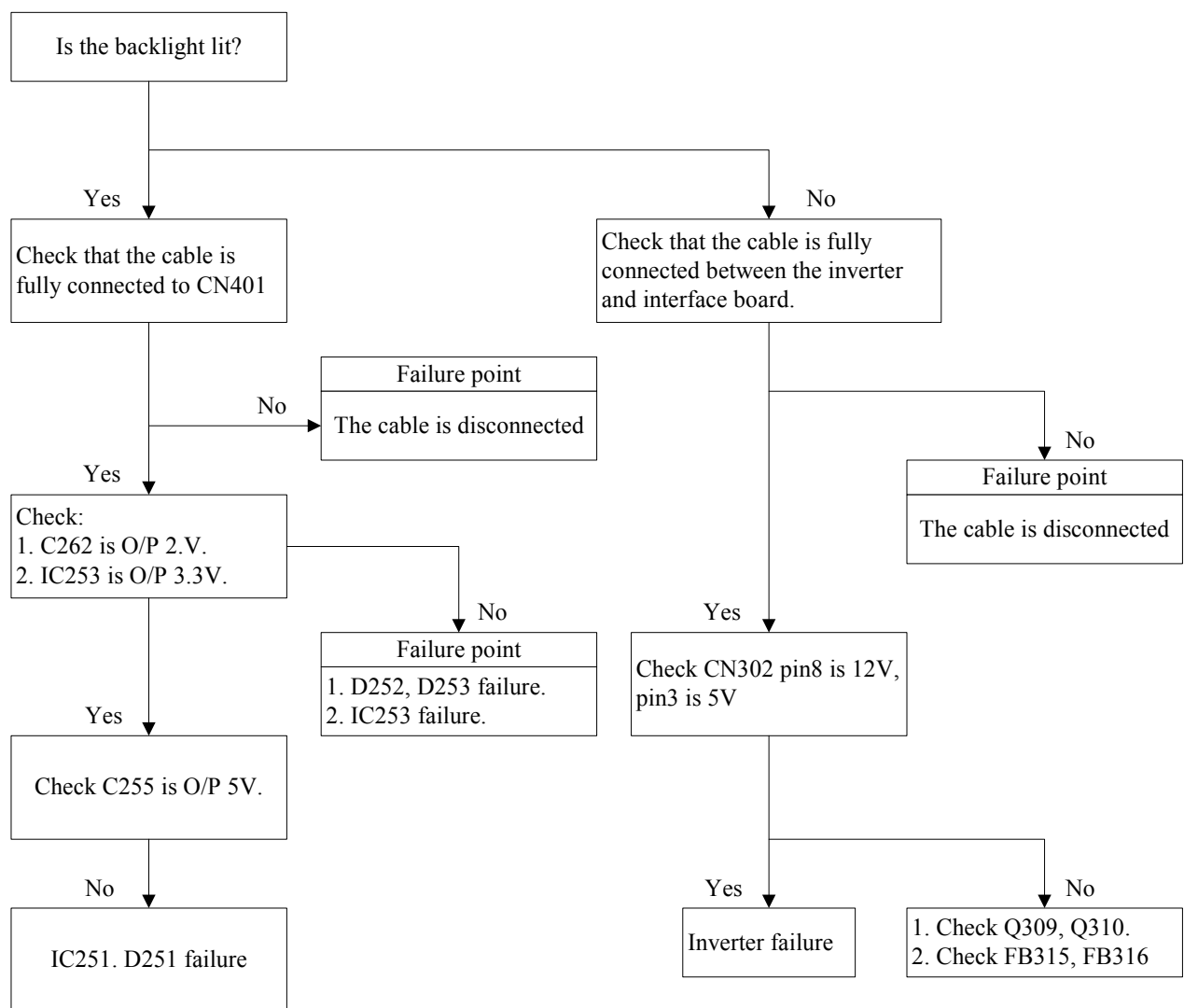
### 6.1 No power.



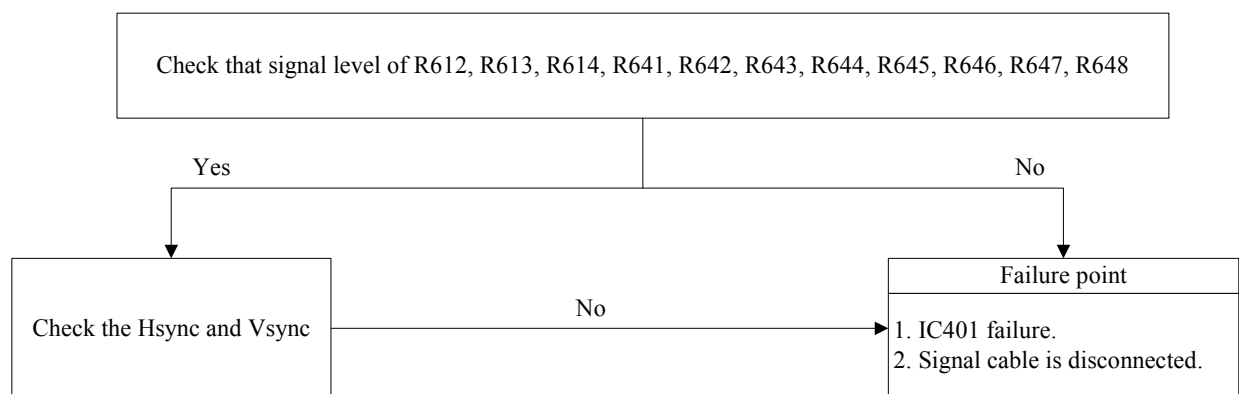
## 6.2 No display on screen (Screen is black, LED is off).



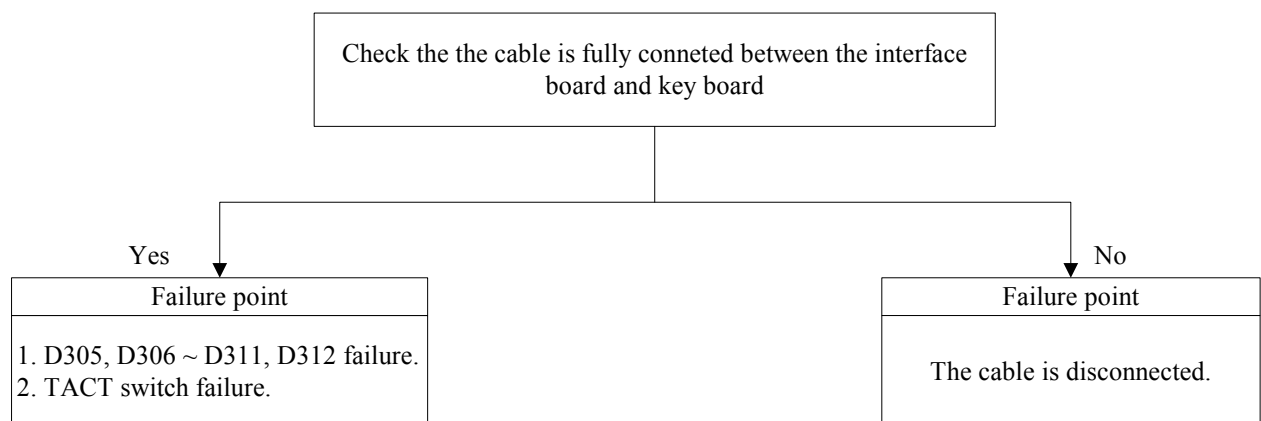
### 6.3 No display on screen (LED is green).



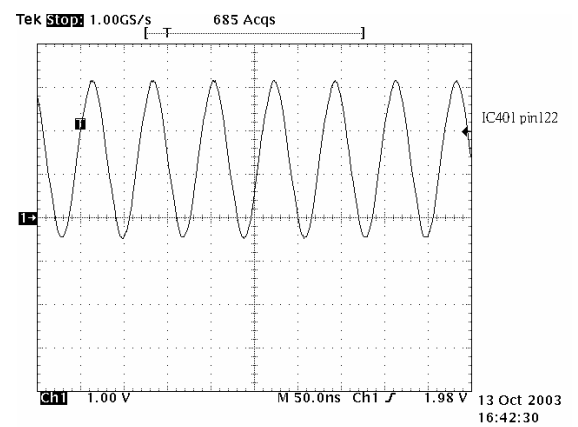
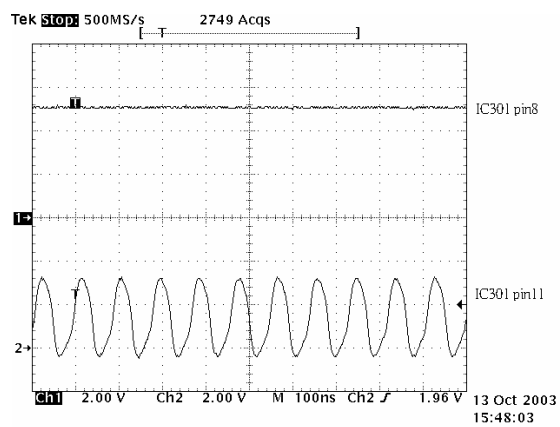
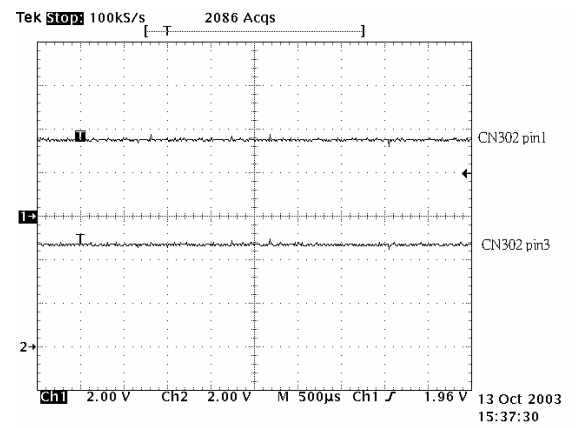
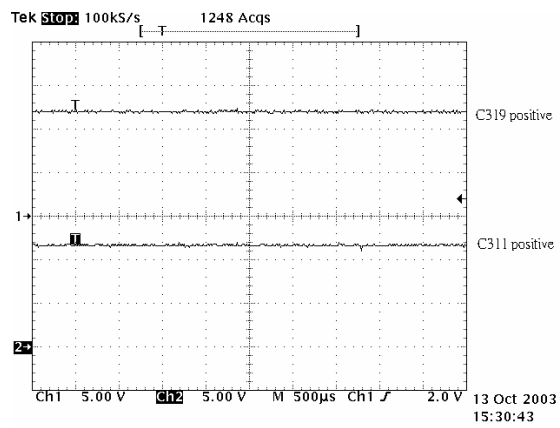
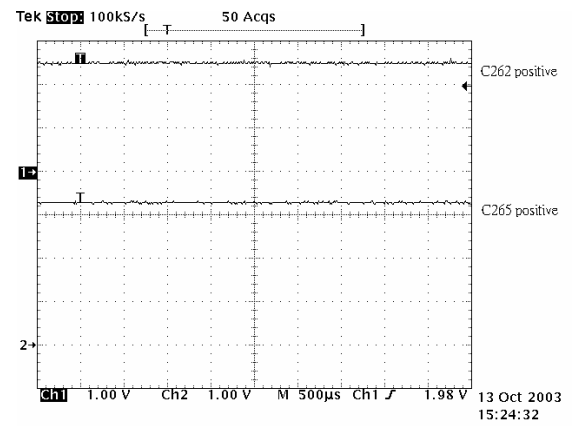
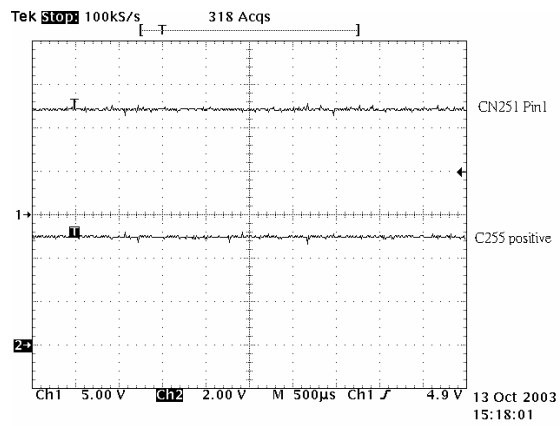
#### 6.4 Show “No signal” on screen.

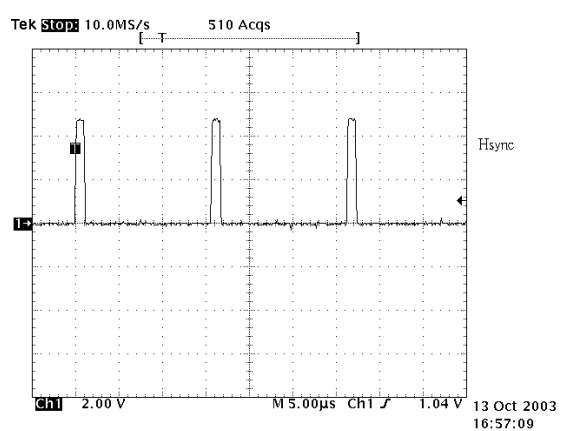
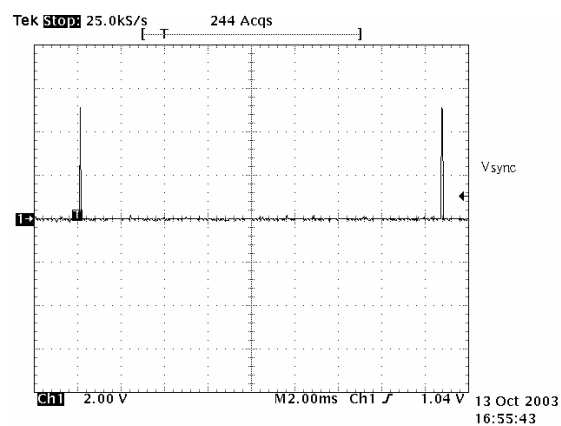
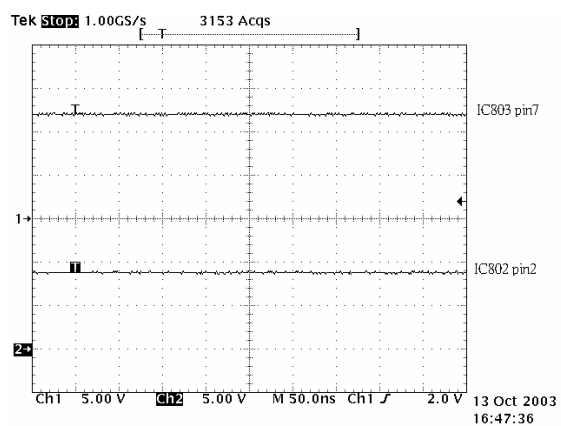


#### 6.5 Keypad cannot work.



## 6.6 Figure of Waveform





## 7. Recommended Spare Parts List

### VG910b Recommended Spare Parts List

| Item | ViewSonic P/N   | Ref. P/N   | Description                              | Location                       | Q'ty  |
|------|-----------------|------------|--|--------------------------------|-------|
| 1    | A-PC-0106-0193  | 3070000501 | AC POWER CORD L1800 BLACK EURO           |                                | 1     |
| 2    | M-MS-0808-9140  | 3070168334 | HEADER NYLON66 94V-0 3P P3.96            | CN101                          | 1     |
| 3    | A-AU-0120-0033  | 3080005100 | CABLE AUDIO L=1800 BLK PC99              |                                | 1     |
| 4    | A-VC-0101-0359  | 3080426400 | CABLE D-SUB/D-SUB L1800 BLK 20276        |                                | 1     |
| 5    | M-FC-0809-0790  | 3080517603 | CABLE FFC 30P P1.0 L270 T2               | PANEL TO I/F                   | 1     |
| 6    | A-PC-0106-0150  | 3090107600 | AC POWER CORD L=1800 BLACK UL/CSA        |                                | 1     |
| 7    | M-SCW-0824-0410 | 3100300600 | SCREW M M3*0.5*6 PAN C S+P S20C ZN       | I/V+PANEL BKT                  | 10    |
| 8    | M-SCW-0824-0734 | 3102710800 | SCREW M M4*0.7*8 PAN C S S18C ZN YEL     | AC SOCKET GND                  | 1     |
| 9    | M-SCW-0824-0690 | 3105051501 | SCREW M #4-40*7 HEXH #4-40*3 S18C NI     | CONN. D-SUB                    | 4     |
| 10   | M-SCW-0814-0691 | 3105120100 | SCREW M M4*0.7*12 PAN C S+P S10C ZN YEL  | STAND ASSY+cabinet back        | 6     |
| 11   | M-SCW-0814-0692 | 3105124000 | SCREW M M4*0.7*6 PAN C S18C NI           | HINGE R&L+BKT ARM              | 6     |
| 12   | M-SCW-0824-6793 | 3105125300 | SCREW M M4*0.7*6 FF C S18C ZN BLK NYLCOK | Cabinet Back+Panel BKT         | 2     |
| 13   | M-SCW-0824-6793 | 3105125300 | SCREW M M4*0.7*6 FF C S18C ZN BLK NYLCOK | BKT ATM+BKT BASE               | 3     |
| 14   | M-SCW-0824-6793 | 3105125300 | SCREW M M4*0.7*6 FF C S18C ZN BLK NYLCOK | BKT BASE+COVER BASE            | 4     |
| 15   | M-SCW-0824-0776 | 3105221000 | SCREW M M3*0.5*6 FF C S18C ZN            | Panel BKT+BKT Hinge            | 2     |
| 16   | M-SCW-0824-6796 | 3105223600 | SCREW M M3*0.5*8 FF C S18C ZN            | PANEL+Panel BKT                | 4     |
| 17   | M-SCW-0824-0777 | 3105225300 | SCREW M M3*0.5*4 FF C S18C ZN            | CABLE CLAMP+PANEL BKT          | 8     |
| 18   | M-SCW-0824-0778 | 3105229400 | SCREW M M3*0.5*10 FF C S18C ZN           |                                | 2     |
| 19   | M-SCW-0824-0007 | 3109010100 | SCREW T f 3*0.5*8 BIND C S18C ZN         | I/F BD+IC803                   | 1     |
| 20   | M-SCW-0824-0413 | 3109011400 | SCREW T M3*0.5*6 BIND C S18C ZN YEL      | ARM REAR+BKT ARM               | 1     |
| 21   | M-SCW-0824-0779 | 3109017700 | SCREW T M3*2.7*7.5 FF C S18C ZN YEL      | F/B+K/B                        | 7     |
| 22   | M-SCW-0824-0620 | 3109020500 | SCREW T f 4*1.6*10 PAN C S18C ZN YEL     | Cabinet Back+BKT Hinge         | 4     |
| 23   | M-SCW-0824-0620 | 3109020500 | SCREW T f 4*1.6*10 PAN C S18C ZN YEL     | ARM FRONT+BKT ARM              | 4     |
| 24   | M-SCW-0824-6795 | 3109023700 | SCREW T M4*1.6*8 FPH C S18C ZN YEL       | Speaker R&L+F/B                | 4     |
| 25   | M-MS-0808-9125  | 3110110900 | NUT M3*0.5 AISI1018                      |                                | 2     |
| 26   | M-MS-0808-8040  | 3110250000 | WASHER SPRING SWRT                       | CONN DVI-D                     | 4     |
| 27   | M-LB-0813-0785  | 3200158900 | LABEL STICKER OD10 WHT HI-POT            |                                | 1     |
| 28   | M-LB-0813-0712  | 3200449700 | LABEL WARING                             | BY AIR SHIPPING,STICK ON TUBE, | 0.125 |
| 29   | M-MS-0808-9126  | 3200655300 | NAME PLATE VSC 3-BIRD LOGO AL 14.5*10.0  | FOR F/B ,REV:00                | 1     |
| 30   | M-MS-0808-9127  | 3200655500 | NAME PLATE AL VIEWSONIC L38 T1.2         | FOR F/B ,REV:00                | 1     |
| 31   | M-LB-0813-0384  | 3200712700 | LABEL CONTROL 100*90                     | Stick on pallet                | 0.063 |
| 32   | M-LB-0813-0551  | 3200744000 | LABEL BAR CODE 55*15 VSC-G               | Stick on flow                  | 1     |
| 33   | M-LB-0813-0696  | 3200753101 | LABEL BAR CODE 76*121 VIEWSONIC          |                                | 1     |
| 34   | M-LB-0813-0759  | 3200930800 | LABEL VER. CONTROL 20*20 VIEWSONIC       | Stick on Carton                | 0.167 |
| 35   | M-LB-0813-0917  | 3201965500 | LABEL ID 160*43 VSC VG910S               |                                | 1     |
| 36   | M-LB-0813-0913  | 3202005900 | LABEL SERIAL 42*11 SONY                  | FOR STICK ON I/F BD            | 1     |
| 37   | M-LB-0813-0914  | 3202009100 | LABEL REISTRATION 40*16                  |                                | 1     |
| 38   | M-LB-0813-0900  | 3202011000 | LABEL SERIES PANEL 42*11 T0.05           | FOR STICK ON Travel Card       | 1     |
| 39   | M-LB-0813-0915  | 3202215900 | LABEL MCU 11*11 POLYESTER 50#            |                                | 0.13  |
| 40   | M-LB-0813-0714  | 3202310700 | LABEL HV WARNING 100*25                  | FOR I/V SHIELD CAN,            | 1     |
| 41   | M-MS-0808-8303  | 3211024500 | MYLAR 435*350 T.1                        | F/B ,REV:03                    | 1     |
| 42   | M-MS-0808-9128  | 3240216601 | INSULATOR PP T.43 60.86*129              |                                | 1     |
| 43   | M-MS-0808-9141  | 3240296500 | THERMAL PAD SILICONE 20*14 T2            | STICK ON IC401                 | 1     |
| 44   | M-MS-0808-8304  | 3240964900 | RUBBER HOLD PLUG OD5.2 H3.8 GRAY         | CABINET BACK                   | 4     |
| 45   | PL-PD-0714-0067 | 3240956800 | RUBBER FOOT 81*13*3T BLK                 | BKT BSAE                       | 2     |
| 46   | M-MS-0808-8157  | 3240957400 | SPONGE EVA 100*7 T1 BLACK                | BASE COVER                     | 1     |
| 47   | PL-PD-0714-0068 | 3240957500 | RUBBER FOOT 75*10 T3                     | BKT BASE                       | 2     |
| 48   | PL-PD-0714-0111 | 3240968200 | RUBBER PAD 50*10 T3 GRAY                 | PANEL+FFC CABLE                | 1     |
| 49   | M-MS-0808-9137  | 3240977700 | RUBBER HOLE PULG OD11.4 ID6.5 T7.36 BLK  | ARM REAR                       | 1     |
| 50   | M-MS-0808-9142  | 3241132900 | INSULATOR PC T.4 204*40 VG910            | STICK ON CABINE T BACK         | 1     |
| 51   | M-MS-0808-9143  | 3343715400 | HSK PLATE AL1100F PICKLING T1            |                                | 1     |
| 52   | C-BC-0302-0566  | 3360249000 | CABINET BACK ABS MIDNIGHT GRAY S9LRC1LS  |                                | 1     |
| 53   | M-CV-0830-2397  | 3360916700 | ARM FRONT ABS MIDNIGHT GRAY VG800B-2     |                                | 1     |
| 54   | M-CV-0830-2508  | 3360919301 | ARM REAR ABS MIDNIGHT GRAY S8LBA2LS      |                                | 1     |
| 55   | M-CV-0830-2400  | 3361205800 | COVER BASE ABS MIDNIGHT GRAY VG800B-2    |                                | 1     |
| 56   | C-BC-0302-0567  | 3368216801 | R/C ASSY L19BMW05BBB S9LRC1LS            |                                | 1     |
| 57   | C-FP-0301-9920  | 3368303002 | F/B ASSY L19BMR05ABB S9LFC1LS            |                                | 1     |
| 58   | M-MS-0808-8162  | 3421024500 | CABLE CLAMP GROUNDING SPCC T.3mm         | K/B WIRE                       | 1     |
| 59   | PL-CL-0710-0034 | 3421095601 | CLIP SUS301 T=0.4                        |                                | 1     |
| 60   | M-BK-0805-0061  | 3460144800 | BRACKET CONN SECC 41.7*30 T0.6           | PANEL BKT+LVDS CABLE           | 1     |
| 61   | M-MS-0808-8561  | 3460146100 | BRACKET VESA SECC 110*20 T1              | CABINET BACK                   | 2     |



## VG910b Recommended Spare Parts List

| Item | ViewSonic P/N   | Ref. P/N   | Description                              | Location                                 | Q'ty |
|------|-----------------|------------|--|--|------|
| 62   | M-MS-0808-8563  | 3460146300 | BRACKET KEYLOCK SECC 20.4*16.45*4.9 T.6  | CABINET BACK                             | 1    |
| 63   | M-BK-0805-0048  | 3460165200 | BRACKET D-SUB SECC 266*30*29 T.8         |  | 1    |
| 64   | M-BK-0805-0049  | 3460165300 | BRACKET HINGE SECC 228*60*16 T.8         |  | 1    |
| 65   | M-BK-0805-0050  | 3460165401 | BRACKET PANEL SECC 406.3*332.3*19.8 T.8  |  | 1    |
| 66   | M-MS-0808-9144  | 3460165500 | BRACKET SHIELD CAN INV SECC 220.6*66.8*2 |  | 1    |
| 67   | M-MS-0808-9145  | 3461235402 | SHIELD CAN IF SPTH 280.7*156.72*30.4 T.3 |  | 1    |
| 68   | M-MS-0808-9130  | 3461752700 | HINGE-R SUS304 62*20 T2                  |  | 1    |
| 69   | M-MS-0808-9131  | 3461752800 | HINGE-L SUS304 62*20 T2                  |  | 1    |
| 70   | M-BK-0805-0043  | 3461753201 | BRACKET ARM SECC 156*126.1*153.6 T2      |  | 1    |
| 71   | M-BK-0805-0044  | 3461753301 | BRACKET BASE SECC 266.6*161.4 T2         |  | 1    |
| 72   | P-FM-0602-0851  | 3500117000 | END BLOCK-TOP L19BMR05AAB                |  | 1    |
| 73   | P-FM-0602-0852  | 3500117100 | END BLOCK-BOTTOM L19BMR05AAB             |  | 1    |
| 74   | M-MS-0808-9132  | 3500932402 | PE BAG 640*580*.06T CLEAR                | 3% SPARE PARTS                           | 1    |
| 75   | M-MS-0808-8762  | 3500937501 | PE BAG 300*200*0.06T                     | FOR PACKING POWER CORD+AUDIO CABLE+D-SUB | 1    |
| 76   | P-BX-0601-0928  | 3512251700 | CARTON 556*515*252 VG910B L19BMR05ABB    | 3% FOR SPARE PARTS                       | 1    |
| 77   | A-CD-VG910B     | 3532078300 | CD-ROM VSC A-CD-VG910B-1                 | PUT IN MANUAL PACKING ASSY               | 1    |
| 78   | A-UG-0107-0511  | 3532078601 | MANUAL PACKING ASSY VSC VG910B           | PUT IN CARTON                            | 1    |
| 79   | M-MS-0808-9135  | 3610171802 | AC SOCKET ASSY VG810S                    |  | 1    |
| 80   | M-WR-0828-6622  | 3670479500 | WIRE WITH HOUSING 1007 #24 L120 4P       | CN201.POWER TO I/F                       | 1    |
| 81   | M-WR-0828-6619  | 3670479600 | WIRE WITH HOUSING 2547 #28 L500 4P       | I/F TO SPEAKER                           | 1    |
| 82   | M-WR-0828-6623  | 3679009500 | WIRE WITH HOUSING 20276 #30 L395 12P     | I/F TO K/B                               | 1    |
| 83   | E-SK-0412-0086  | 3790182900 | SPEAKER ASSY L18FMR05AAB                 |  | 2    |
| 84   | M-LCD-0826-0192 | 5051901202 | LCD 19" TFT PANEL SXGA                   |  |      |
| 85   | B-IF-0222-0053  | 5600110127 | LCD I/F BD ASSY L19BMR 05AAB             |  | 1    |
| 86   | B-SB-0221-0590  | 5600110128 | LCD INVERTER BD ASSY L19BMR 05AAB        |  | 1    |
| 87   | B-PS-0204-0059  | 5600110175 | LCD POWER BD ASSY L19BMR 05AAB           |  | 1    |
| 88   | B-KB-0207-0046  | 5600110180 | LCD FUN KEY BD ASSY L19BMR 05AAB         |  | 1    |

## VG910s Recommended Spare Parts List

| Item | ViewSonic P/N   | Ref. P/N   | Description                              | Location                       | Q'ty  |
|------|-----------------|------------|--|--------------------------------|-------|
| 1    | A-PC-0106-0193  | 3070000501 | AC POWER CORD L1800 BLACK EURO           |                                | 1     |
| 2    | M-MS-0808-9140  | 3070168334 | HEADER NYLON66 94V-0 3P P3.96            | CN101                          | 1     |
| 3    | A-AU-0120-0033  | 3080005100 | CABLE AUDIO L=1800 BLK PC99              |                                | 1     |
| 4    | A-VC-0101-0359  | 3080426400 | CABLE D-SUB/D-SUB L1800 BLK 20276        |                                | 1     |
| 5    | M-FC-0809-0790  | 3080517603 | CABLE FFC 30P P1.0 L270 T2               | PANEL TO I/F                   | 1     |
| 6    | A-PC-0106-0150  | 3090107600 | AC POWER CORD L=1800 BLACK UL/CSA        |                                | 1     |
| 7    | M-SCW-0824-0410 | 3100300600 | SCREW M M3*0.5*6 PAN C S+P S20C ZN       | I/V+PANEL BKT                  | 10    |
| 8    | M-SCW-0824-0734 | 3102710800 | SCREW M M4*0.7*8 PAN C S S18C ZN YEL     | AC SOCKET GND                  | 1     |
| 9    | M-SCW-0824-0690 | 3105051501 | SCREW M #4-40*7 HEXH #4-40*3 S18C NI     | CONN. D-SUB                    | 4     |
| 10   | M-SCW-0814-0691 | 3105120100 | SCREW M M4*0.7*12 PAN C S+P S10C ZN YEL  | STAND ASSY+cabinet back        | 6     |
| 11   | M-SCW-0814-0692 | 3105124000 | SCREW M M4*0.7*6 PAN C S18C NI           | HINGE R&L+BKT ARM              | 6     |
| 12   | M-SCW-0824-6793 | 3105125300 | SCREW M M4*0.7*6 FF C S18C ZN BLK NYLCOK | Cabinet Back+Panel BKT         | 2     |
| 13   | M-SCW-0824-6793 | 3105125300 | SCREW M M4*0.7*6 FF C S18C ZN BLK NYLCOK | BKT ATM+BKT BASE               | 3     |
| 14   | M-SCW-0824-6793 | 3105125300 | SCREW M M4*0.7*6 FF C S18C ZN BLK NYLCOK | BKT BASE+COVER BASE            | 4     |
| 15   | M-SCW-0824-0776 | 3105221000 | SCREW M M3*0.5*6 FF C S18C ZN            | Panel BKT+BKT Hinge            | 2     |
| 16   | M-SCW-0824-6796 | 3105223600 | SCREW M M3*0.5*8 FF C S18C ZN            | PANEL+Panel BKT                | 4     |
| 17   | M-SCW-0824-0777 | 3105225300 | SCREW M M3*0.5*4 FF C S18C ZN            | CABLE CLAMP+PANEL BKT          | 8     |
| 18   | M-SCW-0824-0778 | 3105229400 | SCREW M M3*0.5*10 FF C S18C ZN           |                                | 2     |
| 19   | M-SCW-0824-0007 | 3109010100 | SCREW T f 3*0.5*8 BIND C S18C ZN         | I/F BD+IC803                   | 1     |
| 20   | M-SCW-0824-0413 | 3109011400 | SCREW T M3*0.5*6 BIND C S18C ZN YEL      | ARM REAR+BKT ARM               | 1     |
| 21   | M-SCW-0824-0779 | 3109017700 | SCREW T M3*2.7*7.5 FF C S18C ZN YEL      | F/B+K/B                        | 7     |
| 22   | M-SCW-0824-0620 | 3109020500 | SCREW T f 4*1.6*10 PAN C S18C ZN YEL     | Cabinet Back+BKT Hinge         | 4     |
| 23   | M-SCW-0824-0620 | 3109020500 | SCREW T f 4*1.6*10 PAN C S18C ZN YEL     | ARM FRONT+BKT ARM              | 4     |
| 24   | M-SCW-0824-6795 | 3109023700 | SCREW T M4*1.6*8 FPH C S18C ZN YEL       | Speaker R&L+F/B                | 4     |
| 25   | M-MS-0808-9125  | 3110110900 | NUT M3*0.5 AISI1018                      |                                | 2     |
| 26   | M-MS-0808-8040  | 3110250000 | WASHER SPRING SWRT                       | CONN DVI-D                     | 4     |
| 27   | M-LB-0813-0785  | 3200158900 | LABEL STICKER OD10 WHT HI-POT            |                                | 1     |
| 28   | M-LB-0813-0712  | 3200449700 | LABEL WARING                             | BY AIR SHIPPING,STICK ON TUBE, | 0.125 |
| 29   | M-MS-0808-9126  | 3200655300 | NAME PLATE VSC 3-BIRD LOGO AL 14.5*10.0  | FOR F/B ,REV:00                | 1     |
| 30   | M-MS-0808-9127  | 3200655500 | NAME PLATE AL VIEWSONIC L38 T1.2         | FOR F/B ,REV:00                | 1     |
| 31   | M-LB-0813-0384  | 3200712700 | LABEL CONTROL 100*90                     | Stick on pallet                | 0.063 |
| 32   | M-LB-0813-0551  | 3200744000 | LABEL BAR CODE 55*15 VSC-G               | Stick on flow                  | 1     |
| 33   | M-LB-0813-0696  | 3200753101 | LABEL BAR CODE 76*121 VIEWSONIC          |                                | 1     |
| 34   | M-LB-0813-0759  | 3200930800 | LABEL VER. CONTROL 20*20 VIEWSONIC       | Stick on Carton                | 0.167 |
| 35   | M-LB-0813-0917  | 3201965500 | LABEL ID 160*43 VSC VG910S               |                                | 1     |
| 36   | M-LB-0813-0913  | 3202005900 | LABEL SERIAL 42*11 SONY                  | FOR STICK ON I/F BD            | 1     |
| 37   | M-LB-0813-0914  | 3202009100 | LABEL REISTRATION 40*16                  |                                | 1     |
| 38   | M-LB-0813-0900  | 3202011000 | LABEL SERIES PANEL 42*11 T0.05           | FOR STICK ON Travel Card       | 1     |
| 39   | M-LB-0813-0915  | 3202215900 | LABEL MCU 11*11 POLYESTER 50#            |                                | 0.13  |
| 40   | M-LB-0813-0714  | 3202310700 | LABEL HV WARNING 100*25                  | FOR I/V SHIELD CAN,            | 1     |
| 41   | M-MS-0808-8303  | 3211024500 | MYLAR 435*350 T.1                        | F/B ,REV:03                    | 1     |
| 42   | M-MS-0808-9128  | 3240216601 | INSULATOR PP T.43 60.86*129              |                                | 1     |
| 43   | M-MS-0808-9141  | 3240296500 | THERMAL PAD SILICONE 20*14 T2            | STICK ON IC401                 | 1     |
| 44   | M-MS-0808-8608  | 3240956400 | RUBBER HOLD PLUG OD4.9 H3.2 BLK          | CABINET BACK                   | 4     |
| 45   | PL-PD-0714-0067 | 3240956800 | RUBBER FOOT 81*13*3T BLK                 | BKT BSAE                       | 2     |
| 46   | M-MS-0808-8157  | 3240957400 | SPONGE EVA 100*7 T1 BLACK                | BASE COVER                     | 1     |
| 47   | PL-PD-0714-0068 | 3240957500 | RUBBER FOOT 75*10 T3                     | BKT BASE                       | 2     |
| 48   | PL-PD-0714-0111 | 3240968200 | RUBBER PAD 50*10 T3 GRAY                 | PANEL+FFC CABLE                | 1     |
| 49   | M-MS-0808-9137  | 3240977700 | RUBBER HOLE PULG OD11.4 ID6.5 T7.36 BLK  | ARM REAR                       | 1     |
| 50   | M-MS-0808-9142  | 3241132900 | INSULATOR PC T.4 204*40 VG910            | STICK ON CABINE T BACK         | 1     |
| 51   | M-MS-0808-9143  | 3343715400 | HSK PLATE AL1100F PICKLING T1            |                                | 1     |
| 52   | C-BC-0302-0568  | 3360248900 | CABINET BACK ABS 41 S9LRC1LS             |                                | 1     |
| 53   | M-CV-0830-2381  | 3360916300 | ARM FRONT ABS 41 VX700-2                 |                                | 1     |
| 54   | M-CV-0830-2509  | 3360919201 | ARM COVER REAR ABS 41 S8LBA2LS           |                                | 1     |
| 55   | M-CV-0830-2394  | 3361205900 | COVER BASE ABS 41 VG800-2                |                                | 1     |
| 56   | C-BC-0302-0569  | 3368216701 | R/C ASSY L19BMR05BAB S9LRC1LS            |                                | 1     |
| 57   | C-FP-0301-9921  | 3368302901 | F/B ASSY L19BMR05AAB S9LFC1LS            |                                | 1     |
| 58   | M-MS-0808-8162  | 3421024500 | CABLE CLAMP GROUNDING SPCC T.3mm         | K/B WIRE                       | 1     |
| 59   | PL-CL-0710-0034 | 3421095601 | CLIP SUS301 T=0.4                        |                                | 1     |
| 60   | M-BK-0805-0061  | 3460144800 | BRACKET CONN SECC 41.7*30 T0.6           | PANEL BKT+LVDS CABLE           | 1     |
| 61   | M-MS-0808-8561  | 3460146100 | BRACKET VESA SECC 110*20 T1              | CABINET BACK                   | 2     |
| 62   | M-MS-0808-8563  | 3460146300 | BRACKET KEYLOCK SECC 20.4*16.45*4.9 T.6  | CABINET BACK                   | 1     |
| 63   | M-BK-0805-0048  | 3460165200 | BRACKET D-SUB SECC 266*30*29 T.8         |                                | 1     |
| 64   | M-BK-0805-0049  | 3460165300 | BRACKET HINGE SECC 228*60*16 T.8         |                                | 1     |
| 65   | M-BK-0805-0050  | 3460165401 | BRACKET PANEL SECC 406.3*332.3*19.8 T.8  |                                | 1     |
| 66   | M-MS-0808-9144  | 3460165500 | BRACKET SHIELD CAN INV SECC 220.6*66.8*2 |                                | 1     |
| 67   | M-MS-0808-9145  | 3461235402 | SHIELD CAN IF SPTH 280.7*156.72*30.4 T.3 |                                | 1     |
| 68   | M-MS-0808-9130  | 3461752700 | HINGE-R SUS304 62*20 T2                  |                                | 1     |

## VG910s Recommended Spare Parts List

| Item | ViewSonic P/N   | Ref. P/N   | Description                           | Location                                    | Q'ty |
|------|-----------------|------------|---------------------------------------|---|------|
| 69   | M-MS-0808-9131  | 3461752800 | HINGE-L SUS304 62*20 T2               |   | 1    |
| 70   | M-BK-0805-0043  | 3461753201 | BRACKET ARM SECC 156*126.1*153.6 T2   |   | 1    |
| 71   | M-BK-0805-0044  | 3461753301 | BRACKET BASE SECC 266.6*161.4 T2      |   | 1    |
| 72   | P-FM-0602-0851  | 3500117000 | END BLOCK-TOP L19BMR05AAB             |   | 1    |
| 73   | P-FM-0602-0852  | 3500117100 | END BLOCK-BOTTOM L19BMR05AAB          |   | 1    |
| 74   | M-MS-0808-9132  | 3500932402 | PE BAG 640*580*.06T CLEAR             | 3% SPARE PARTS                              | 1    |
| 75   | M-MS-0808-8762  | 3500937501 | PE BAG 300*200*0.06T                  | FOR PACKING POWER<br>CORD+AUDIO CABLE+D-SUB | 1    |
| 76   | P-BX-0601-0929  | 3512251800 | CARTON 556*515*252 VG910S L18BMR05AAB | 3% FOR SPARE PARTS                          | 1    |
| 77   | A-CD-VG910S     | 3532078400 | CD-ROM VSC A-CD-VG910S-1              | PUT IN MANUAL PACKING ASSY                  | 1    |
| 78   | A-UG-0107-0512  | 3532078501 | MANUAL PACKING ASSY VSC VG910S        | PUT IN CARTON                               | 1    |
| 79   | M-MS-0808-9135  | 3610171802 | AC SOCKET ASSY VG810S                 |   | 1    |
| 80   | M-WR-0828-6622  | 3670479500 | WIRE WITH HOUSING 1007 #24 L120 4P    | CN201,POWER TO I/F                          | 1    |
| 81   | M-WR-0828-6619  | 3670479600 | WIRE WITH HOUSING 2547 #28 L500 4P    | I/F TO SPEAKER                              | 1    |
| 82   | M-WR-0828-6623  | 3679009500 | WIRE WITH HOUSING 20276 #30 L395 12P  | I/F TO K/B                                  | 1    |
| 83   | E-SK-0412-0086  | 3790182900 | SPEAKER ASSY L18FMR05AAB              |   | 2    |
| 84   | M-LCD-0826-0192 | 5051901202 | LCD 19" TFT PANEL SXGA                |   |      |
| 85   | B-IF-0222-0053  | 5600110127 | LCD I/F BD ASSY L19BMR 05AAB          |   | 1    |
| 86   | B-SB-0221-0590  | 5600110128 | LCD INVERTER BD ASSY L19BMR 05AAB     |   | 1    |
| 87   | B-PS-0204-0059  | 5600110175 | LCD POWER BD ASSY L19BMR 05AAB        |   | 1    |
| 88   | B-KB-0207-0046  | 5600110180 | LCD FUN KEY BD ASSY L19BMR 05AAB      |   | 1    |

**VG910b BOM LIST**

| Item | ViewSonic P/N   | Ref. P/N   | Description                              | Location                                  | Q'ty  |
|------|-----------------|------------|--|---|-------|
| 1    | A-PC-0106-0193  | 3070000501 | AC POWER CORD L1800 BLACK EURO           |   | 1     |
| 2    | A-AU-0120-0033  | 3080005100 | CABLE AUDIO L=1800 BLK PC99              |   | 1     |
| 3    | A-VC-0101-0359  | 3080426400 | CABLE D-SUB/D-SUB L1800 BLK 20276        |   | 1     |
| 4    | M-FC-0809-0790  | 3080517603 | CABLE FFC 30P P1.0 L270 T2               | PANEL TO I/F                              | 1     |
| 5    | A-PC-0106-0150  | 3090107600 | AC POWER CORD L=1800 BLACK UL/CSA        |   | 1     |
| 6    | M-SCW-0824-0410 | 3100300600 | SCREW M M3*0.5*6 PAN C S+P S20C ZN       | I/V+PANEL BKT,POWER BD+Panel BKT          | 10    |
| 7    | M-SCW-0824-0734 | 3102710800 | SCREW M M4*0.7*8 PAN C S S18C ZN YEL     | AC SOCKET GND                             | 1     |
| 8    | M-SCW-0824-0690 | 3105051501 | SCREW M #4-40*7 HEXH #4-40*3 S18C NI     | CONN. D-SUB, DVI-D                        | 2     |
| 9    | M-SCW-0814-0691 | 3105120100 | SCREW M M4*0.7*12 PAN C S+P S10C ZN YEL  | STAND ASSY+cabinet back                   | 6     |
| 10   | M-SCW-0824-6793 | 3105125300 | SCREW M M4*0.7*6 FF C S18C ZN BLK NYLCOK | Cabinet Back+Panel BKT                    | 2     |
| 11   | M-SCW-0824-0776 | 3105221000 | SCREW M M3*0.5*6 FF C S18C ZN            | Panel BKT+BKT Hinge                       | 2     |
| 12   | M-SCW-0824-6796 | 3105223600 | SCREW M M3*0.5*8 FF C S18C ZN            | PANEL+Panel BKT                           | 4     |
| 13   | M-SCW-0824-0777 | 3105225300 | SCREW M M3*0.5*4 FF C S18C ZN            | CABLE CLAMP+PANEL BKT                     | 1     |
| 14   | M-SCW-0824-0777 | 3105225300 | SCREW M M3*0.5*4 FF C S18C ZN            | D-SUB BKT+Panel BKT                       | 3     |
| 15   | M-SCW-0824-0777 | 3105225300 | SCREW M M3*0.5*4 FF C S18C ZN            | D-SUB BKT+Shield Can                      | 3     |
| 16   | M-SCW-0824-0777 | 3105225300 | SCREW M M3*0.5*4 FF C S18C ZN            | I/V SHIELD+Panel BKT                      | 1     |
| 17   | M-SCW-0824-0007 | 3109010100 | SCREW T f 3*0.5*8 BIND C S18C ZN         | I/F BD+IC803                              | 1     |
| 18   | M-SCW-0824-0779 | 3109017700 | SCREW T M3*2.7*7.5 FF C S18C ZN YEL      | F/B+K/B                                   | 3     |
| 19   | M-SCW-0824-0779 | 3109017700 | SCREW T M3*2.7*7.5 FF C S18C ZN YEL      | Cabinet Back+bkt Hinge                    | 4     |
| 20   | M-SCW-0824-0620 | 3109020500 | SCREW T f 4*1.6*10 PAN C S18C ZN YEL     | Cabinet Back+BKT Hinge                    | 4     |
| 21   | M-SCW-0824-6795 | 3109023700 | SCREW T M4*1.6*8 FPH C S18C ZN YEL       | Speaker R&L+F/B                           | 4     |
| 22   | M-MS-0808-8040  | 3110250000 | WASHER SPRING SWRT                       | CONN DVI-D                                | 2     |
| 23   | M-MS-0808-8040  | 3110250000 | WASHER SPRING SWRT                       | CONN D-SUB                                | 2     |
| 24   | M-LB-0813-0785  | 3200158900 | LABEL STICKER OD10 WHT HI-POT            |   | 1     |
| 25   | M-LB-0813-0712  | 3200449700 | LABEL WARING                             | BY AIR SHIPPING,STICK ON TUBE             | 0.125 |
| 26   | M-MS-0808-9126  | 3200655300 | NAME PLATE VSC 3-BIRD LOGO AL 14.5*10.0  | FOR F/B ,REV:00                           | 1     |
| 27   | M-MS-0808-9127  | 3200655500 | NAME PLATE AL VIEWSONIC L38 T1.2         | FOR F/B ,REV:00                           | 1     |
| 28   | M-LB-0813-0384  | 3200712700 | LABEL CONTROL 100*90                     | Stick on pallet                           | 0.063 |
| 29   | M-LB-0813-0551  | 3200744000 | LABEL BAR CODE 55*15 VSC-G               | Stick on flow card                        | 1     |
| 30   | M-LB-0813-0696  | 3200753101 | LABEL BAR CODE 76*121 VIEWSONIC          |   | 1     |
| 31   | M-LB-0813-0759  | 3200930800 | LABEL VER. CONTROL 20*20 VIEWSONIC       | Stick on Carton                           | 0.167 |
| 32   | #N/A            | 3201965600 | LABEL ID 160*43 VSC VG910B               |   | 1     |
| 33   | M-LB-0813-0900  | 3202011000 | LABEL SERIES PANEL 42*11 T0.05           | FOR STICK ON Travel Card                  | 1     |
| 34   | M-LB-0813-0714  | 3202310700 | LABEL HV WARNING 100*25                  | FOR I/V SHIELD CAN                        | 1     |
| 35   | M-MS-0808-8303  | 3211024500 | MYLAR 435*350 T.1                        | F/B                                       | 1     |
| 36   | M-MS-0808-7507  | 3220136000 | TAPE W=29 #1350F-1 3M                    | STICK ON PANEL BKT & SHIELD CAN I/F TOP   | 0.14  |
| 37   | M-MS-0808-7507  | 3220136000 | TAPE W=29 #1350F-1 3M                    | AUDIO WIRE+PANEL BKT                      | 0.05  |
| 38   | M-MS-0808-7507  | 3220136000 | TAPE W=29 #1350F-1 3M                    | STICK ON TOP BOT SIDE&FFC CONN. EACH 70m  | 0.21  |
| 39   | M-MS-0808-7507  | 3220136000 | TAPE W=29 #1350F-1 3M                    | STICK ON PANEL BKT & SHIELD CAN I/F &     | 0.09  |
| 40   | M-MS-0808-7507  | 3220136000 | TAPE W=29 #1350F-1 3M                    | STICK ON PANEL TOP & BOTTOM WIRE          | 0.1   |
| 41   | M-MS-0808-7507  | 3220136000 | TAPE W=29 #1350F-1 3M                    | STICK ON PANEL BKT & SHIELD CAN I/V LEFT  | 0.14  |
| 42   | M-MS-0808-7507  | 3220136000 | TAPE W=29 #1350F-1 3M                    | STICK ON PANEL BKT & SHIELD CAN I/F RIGH  | 0.14  |
| 43   | #N/A            | 3220161733 | TAPE W=20 #3800A NITTO                   | FOR TWO TOP ANG LE OF F/B                 | 0.09  |
| 44   | #N/A            | 3220182510 | TAPE W=28 2L #1350F-1 3M                 | STICK ON PANEL BKT POWER BD AR EA R&L SID | 2     |
| 45   | #N/A            | 3222201300 | TAPE AL FOIL W=25 #80023 CATERON         | AUDIO WIRE+PANE L BKT                     | 0.06  |
| 46   | M-MS-0808-8608  | 3240956400 | RUBBER HOLD PLUG OD4.9 H3.2 BLK          | CABINET BACK                              | 4     |
| 47   | PL-PD-0714-0111 | 3240968200 | RUBBER PAD 50*10 T3 GRAY                 | PANEL+FFC CABLE T BACK                    | 1     |
| 48   | M-MS-0808-9142  | 3241132900 | INSULATOR PC T.4 204*40 VG910            | STICK ON CABINE                           | 1     |
| 49   | C-BC-0302-0566  | 3360249000 | CABINET BACK ABS MIDNIGHT GRAY S9LRC1LS  |   | 1     |
| 50   | C-BC-0302-0567  | 3368216801 | R/C ASSY L19BMW05BBB S9LRC1LS            |   | 1     |
| 51   | M-MS-0808-7747  | 3200649300 | NAME PLATE VIEWSONIC ABS94HB MIDNIGHT GR |   | 1     |
| 52   | #N/A            | 3360249201 | R/C ABS MIDNIGHT GRAY VG910B S9LRC1LS    |   | 1     |
| 53   | #N/A            | 3368303001 | F/B ASSY L19BMR05ABB S9LFC1LS            |   | 1     |
| 54   | PL-FK-0709-0150 | 3360732801 | FUNCTION KEY ABS CR S8LFC1LS             |   | 1     |
| 55   | #N/A            | 3361086001 | F/B ABS MIDNIGHT GRAY VG910B S9LFC1LS    | 3361086200TL                              | 1     |

**VG910b BOM LIST**

| Item | ViewSonic P/N   | Ref. P/N   | Description                              | Location                                 | Q'ty  |
|------|-----------------|------------|--|--|-------|
| 56   | #N/A            | 3368992301 | STAND ASSY L18FMW05ABB S8LBA1AT SERVICE  |  | 1     |
| 57   | M-SCW-0814-0692 | 3105124000 | SCREW M M4*0.7*6 PAN C S18C NI           | HINGE R&L+BKT ARM                        | 6     |
| 58   | M-SCW-0824-6793 | 3105125300 | SCREW M M4*0.7*6 FF C S18C ZN BLK NYLCOK | BKT ATM+BKT BASE                         | 3     |
| 59   | M-SCW-0824-6793 | 3105125300 | SCREW M M4*0.7*6 FF C S18C ZN BLK NYLCOK | BKT BASE+COVER BASE                      | 4     |
| 60   | M-SCW-0824-0413 | 3109011400 | SCREW T M3*0.5*6 BIND C S18C ZN YEL      | ARM REAR+BKT ARM                         | 1     |
| 61   | M-SCW-0824-0620 | 3109020500 | SCREW T f 4*1.6*10 PAN C S18C ZN YEL     | ARM FRONT+BKT ARM                        | 4     |
| 62   | PL-PD-0714-0067 | 3240956800 | RUBBER FOOT 81*13*3T BLK                 | BKT BSAE                                 | 2     |
| 63   | M-MS-0808-8157  | 3240957400 | SPONGE EVA 100*7 T1 BLACK                | BASE COVER                               | 1     |
| 64   | PL-PD-0714-0068 | 3240957500 | RUBBER FOOT 75*10 T3                     | BKT BASE                                 | 2     |
| 65   | M-MS-0808-9137  | 3240977700 | RUBBER HOLE PULG OD11.4 ID6.5 T7.36 BLK  | ARM REAR                                 | 1     |
| 66   | M-CV-0830-2397  | 3360916700 | ARM FRONT ABS MIDNIGHT GRAY VG800B-2     |  | 1     |
| 67   | M-CV-0830-2508  | 3360919301 | ARM REAR ABS MIDNIGHT GRAY S8LBA2LS      |  | 1     |
| 68   | M-CV-0830-2400  | 3361205800 | COVER BASE ABS MIDNIGHT GRAY VG800B-2    |  | 1     |
| 69   | M-MS-0808-8612  | 3461750602 | HINGE SUB ASSY R L19EMW05BAW             |  | 1     |
| 70   | M-MS-0808-8613  | 3461750702 | HINGE SUB ASSY L L19EMW05BAW             |  | 1     |
| 71   | M-MS-0808-9130  | 3461752700 | HINGE-R SUS304 62*20 T2                  |  | 1     |
| 72   | M-MS-0808-9131  | 3461752800 | HINGE-L SUS304 62*20 T2                  |  | 1     |
| 73   | M-BK-0805-0043  | 3461753201 | BRACKET ARM SECC 156*126.1*153.6 T2      |  | 1     |
| 74   | M-BK-0805-0044  | 3461753301 | BRACKET BASE SECC 266.6*161.4 T2         |  | 1     |
| 75   | M-MS-0808-8162  | 3421024500 | CABLE CLAMP GROUNDING SPCC T.3mm         | K/B WIRE                                 | 1     |
| 76   | M-BK-0805-0061  | 3460144800 | BRACKET CONN SECC 41.7*30 T0.6           | PANEL BKT+LVDS CABLE                     | 1     |
| 77   | M-MS-0808-8561  | 3460146100 | BRACKET VESA SECC 110*20 T1              | CABINET BACK                             | 2     |
| 78   | M-MS-0808-8563  | 3460146300 | BRACKET KEYLOCK SECC 20.4*16.45*4.9 T.6  | CABINET BACK                             | 1     |
| 79   | M-BK-0805-0048  | 3460165200 | BRACKET D-SUB SECC 266*30*29 T.8         |  | 1     |
| 80   | M-BK-0805-0049  | 3460165300 | BRACKET HINGE SECC 228*60*16 T.8         |  | 1     |
| 81   | M-BK-0805-0050  | 3460165401 | BRACKET PANEL SECC 406.3*332.3*19.8 T.8  |  | 1     |
| 82   | M-MS-0808-9144  | 3460165500 | BRACKET SHIELD CAN INV SECC 220.6*66.8*2 |  | 1     |
| 83   | M-MS-0808-9145  | 3461235402 | SHIELD CAN IF SPTH 280.7*156.72*30.4 T.3 |  | 1     |
| 84   | M-MS-0808-9143  | 3343715400 | HSK PLATE AL1100F PICKLING T1            |  | 1     |
| 85   | M-MS-0808-9146  | 3500117000 | END BLOCK-TOP L19BMR05AAB                |  | 1     |
| 86   | M-MS-0808-9147  | 3500117100 | END BLOCK-BOTTOM L19BMR05AAB             |  | 1     |
| 87   | M-MS-0808-9132  | 3500932402 | PE BAG 640*580*.06T CLEAR                | 3% SPARE PARTS                           | 1     |
| 88   | M-MS-0808-8762  | 3500937501 | PE BAG 300*200*0.06T                     | FOR PACKING POWER CORD+AUDIO CABLE+D-SUB | 1     |
| 89   | #N/A            | 3510441600 | TRAY 1166*1076*142H(INSIDE) VX900        | AIR SHIPPING                             | 0.125 |
| 90   | M-LCD-0826-0127 | 3510552100 | TUBE 1156*1066*1050(H) LCD 19"           | BY AIR SHIPPING                          | 0.063 |
| 91   | #N/A            | 3510807600 | ANGLE PAPER 2190*55*55                   | BY SEA                                   | 0.125 |
| 92   | M-MS-0808-9133  | 3510878400 | CAP PAPER 1140*1050*120                  | BY SEA FOR 32 SETS/PALLET                | 0.032 |
| 93   | P-BX-0601-0928  | 3512251700 | CARTON 556*515*252 VG910B L19BMR05ABB    | 3% FOR SPARE PARTS                       | 1     |
| 94   | #N/A            | 3520026001 | PALLET FUMIGATE 1070*1140*120            | BY AIR SHIPPING FOR 16SETS/PALLET        | 0.063 |
| 95   | #N/A            | 3520026001 | PALLET FUMIGATE 1070*1140*120            | BY SEA                                   | 0.032 |
| 96   | M-MS-0808-5135  | 3520082400 | PE FILM t=0.02mm W=500                   |  | 0.04  |
| 97   | M-MS-0808-7820  | 3520130500 | DRYER 15G 80*60                          |  | 2     |
| 98   | PL-SP-0723-0002 | 3520142700 | PLASTIC STRIP W=12 T.5 BLACK             |  | 1     |
| 99   | A-CD-VG910B     | 3532078300 | CD-ROM VSC A-CD-VG910B-1                 | PUT IN MANUAL PACKING ASSY               | 1     |
| 100  | A-UG-0107-0511  | 3532078601 | MANUAL PACKING ASSY VSC VG910B           | PUT IN CARTON                            | 1     |
| 101  | M-MS-0808-8396  | 3520094201 | PE BAG 260*155*0.1T                      |  | 1     |
| 102  | #N/A            | 5011097400 | MANUAL QUICK START GUIDE VSC VG910B      |  | 1     |
| 103  | M-MS-0808-9135  | 3610171802 | AC SOCKET ASSY VG810S                    |  | 1     |
| 104  | M-WR-0828-6619  | 3670479600 | WIRE WITH HOUSING 2547 #28 L500 4P       | I/F TO SPEAKER                           | 1     |
| 105  | M-WR-0828-6623  | 3679009500 | WIRE WITH HOUSING 20276 #30 L395 12P     | I/F TO K/B                               | 1     |
| 106  | E-SK-0412-0086  | 3790182900 | SPEAKER ASSY L18FMR05AAB                 |  | 2     |
| 107  | M-LCD-0826-0192 | 5051901202 | LCD 19" TFT PANEL SXGA                   |  | 1     |
| 108  | B-IF-0222-0053  | 5600110127 | LCD I/F BD ASSY L19BMR 05AAB             |  | 1     |
| 109  | #N/A            | 2970040202 | PWB D0 FR-4 145*117 (I/F BD)             |  | 1     |
| 110  | M-LB-0813-0913  | 3202005900 | LABEL SERIAL 42*11 SONY                  | FOR STICK ON I/F BD                      | 1     |
| 111  | M-LB-0813-0914  | 3202009100 | LABEL REISTRATION 40*16                  |  | 1     |
| 112  | M-LB-0813-0915  | 3202215900 | LABEL MCU 11*11 POLYESTER 50#            |  | 0.13  |
| 113  | M-MS-0808-9141  | 3240296500 | THERMAL PAD SILICONE 20*14 T2            | STICK ON IC401                           | 1     |
| 114  | #N/A            | 3670706002 | WIRE WITH HOUSING 1007 #26 L120 7P       | CN302,I/V TO I/F                         | 1     |
| 115  | B-SB-0221-0590  | 5600110128 | LCD INVERTER BD ASSY L19BMR 05AAB        |  | 1     |

**VG910b BOM LIST**

| Item | ViewSonic P/N   | Ref. P/N     | Description                       | Location  | Q'ty |
|------|-----------------|--------------|-----------------------------------|---|------|
| 116  | #N/A            | 2970040301   | PWB S0 CEM-1 175*43 (INVERTER BD) |   | 1    |
| 117  | B-PS-0204-0059  | 5600110175   | LCD POWER BD ASSY L19BMR 05AAB    |   | 1    |
| 118  | #N/A            | 2970040002   | PWB S0 CEM-1 125*60 (PWR BD)      |   | 1    |
| 119  | M-SCW-0824-0778 | 3105229400   | SCREW M M3*0.5*10 FF C S18C ZN    |   | 2    |
| 120  | M-MS-0808-9125  | 3110110900   | NUT M3*0.5 AISI1018               |   | 2    |
| 121  | M-MS-0808-8202  | 3220133600   | TAPE W=10 #1350F-1 3M             | STICK ON<br>INSULATOR(32402166XX)   | 0.15 |
| 122  | M-MS-0808-9128  | 3240216601   | INSULATOR PP T.43 60.86*129       |   | 1    |
| 123  | PL-CL-0710-0034 | 3421095601   | CLIP SUS301 T=0.4                 |   | 1    |
| 124  | B-KB-0207-0046  | 5600110180   | LCD FUN KEY BD ASSY L19BMR 05AAB  |   | 1    |
| 125  | #N/A            | 2970039902   | PWB S0 FR-1 140*24.3 (KEY BD)     |   | 1    |
| 126  | #N/A            | 313121000    | RES CH 1/4W 120 J 1206            | R801,R828   | 2    |
| 127  | #N/A            | 341062300    | RES CH 1/10W 15K F 0603           | R261  | 1    |
| 128  | E-R-0405-7034   | 341077300    | RES CH 1/10W 47K F 0603           | R262  | 1    |
| 129  | #N/A            | 341448300    | RES CH 1/10W 392 F 0603           | R401  | 1    |
| 130  | E-R-0405-7041   | 343000300    | RES CH 1/10W ZERO J 0603          | R641,R642,R643,R644,R645,R646,R647,R648,R808,R810   | 10   |
| 131  | E-R-0405-7049   | 343100300    | RES CH 1/10W 10 J 0603            | R260  | 1    |
| 132  | E-R-0405-6684   | 343101300    | RES CH 1/10W 100 J 0603           | R327,R328,R329,R335,R336,R350,R612,R613,R614,R615,R616,R617,R632,R634   | 14   |
| 133  | E-R-0405-7054   | 343102300    | RES CH 1/10W 1K J 0603            | R320,R636,R638  | 3    |
| 134  | E-R-0405-6685   | 343103300    | RES CH 1/10W 10K J 0603           | R316,R318,R323,R324,R326,R331,R333,R334,R339,R341,R342,R346,R347,R353,R355,R357,R601,R602,R607,R628,R629,R635,R823,R824,R825,R826 | 26   |
| 135  | E-R-0405-7042   | 343220300    | RES CH 1/10W 22 J 0603            | R804,R805   | 2    |
| 136  | E-R-0405-6687   | 343222300    | RES CH 1/10W 2.2K J 0603          | R321,R633,R812,R813   | 4    |
| 137  | #N/A            | 343434300    | RES CH 1/10W 430K J 0603          | R263  | 1    |
| 138  | E-R-0405-6690   | 343470300    | RES CH 1/10W 47 J 0603            | R603,R604,R622,R623   | 4    |
| 139  | E-R-0405-7033   | 343471300    | RES CH 1/10W 470 J 0603           | R301,R302,R303,R304,R305,R306,R307,R308,R611  | 11   |
| 140  | E-R-0405-7031   | 343472300    | RES CH 1/10W 4.7K J 0603          | R309,R312,R315,R319,R322,R325,R330,R332,R337,R338,R343,R344,R815,R817   | 14   |
| 141  | E-R-0405-7031   | 343472300    | RES CH 1/10W 4.7K J 0603          | R817  | 1    |
| 142  | E-R-0405-7035   | 343473300    | RES CH 1/10W 47K J 0603           | R809,R811,R816,R827   | 4    |
| 143  | E-R-0405-7036   | 343511300    | RES CH 1/10W 510 J 0603           | R313  | 1    |
| 144  | E-R-0405-6691   | 343562300    | RES CH 1/10W 5.6K J 0603          | R806,R807   | 2    |
| 145  | #N/A            | 343681300    | RES CH 1/10W 680 J 0603           | R310  | 1    |
| 146  | E-R-0405-6693   | 343750100    | RES CH 1/8W 75 J 0805             | R624,R625,R626  | 3    |
| 147  | #N/A            | 343823300    | RES CH 1/10W 82K J 0603           | R317  | 1    |
| 148  | #N/A            | 619900705    | RES ARRAY 10K J 8P4R 1206         | RP301,RP302,RP303,RP304   | 4    |
| 149  | #N/A            | 619900712    | RES ARRAY 10K J 8P4R 1206         | RP301,RP302,RP303,RP304   | 4    |
| 150  | #N/A            | 730060412    | CRYSTAL 14.318MHZ+-30PPM AT-49    | X401  | 1    |
| 151  | M-LCD-0826-0128 | 730500212    | CRYSTAL 11.0592MHZ 30PPM 16PF     | X301  | 1    |
| 152  | E-FS-0410-0074  | 841110702    | FUSE F/P 4A 125V UL CSA           | F251  | 1    |
| 153  | E-C-0404-4805   | 142122211200 | CAP AL 16V 220U M 8*11.5 TP5      | C254,C255,C262,C265,C311,C319,C252,C253,C828,C830   | 10   |
| 154  | #N/A            | 142141001200 | CAP AL 25V 10U M 5*11 TP5         | C313,C320,C323,C325,C807,C810,C817,C820,C821,C834   | 10   |
| 155  | E-C-0404-3839   | 142141011200 | CAP AL 25V 100U M 6.3*11 TP5      | C825  | 1    |
| 156  | E-C-0404-3953   | 142142201200 | CAP AL 25V 22U M 5*11 TP5         | C406,C414,C419,C423,C425,C428,C802,C804,C806,C836   | 10   |
| 157  | E-C-0404-3851   | 142164781200 | CAP AL 50V 4.7U M 5*11 TP5        | C824,C832,C835,C837   | 4    |
| 158  | #N/A            | 1511447000   | CAP MC CP 50V 3.3KP J X7R 0603    | C259  | 1    |
| 159  | E-C-0404-4869   | 1511454000   | CAP MC CP 50V .01U J X7R 0603     | C256  | 1    |
| 160  | #N/A            | 1511508000   | CAP MC CP 50V 10P J C0G 0603      | C609,C610,C611  | 3    |
| 161  | E-C-0404-4878   | 1511514000   | CAP MC CP 50V 22P J C0G 0603      | C321,C322,C403,C404   | 4    |
| 162  | #N/A            | 1511518000   | CAP MC CP 50V 33P J C0G 0603      | C613  | 1    |
| 163  | E-C-0404-4874   | 1511530000   | CAP MC CP 50V 100P J C0G 0603     | C829,C831   | 2    |
| 164  | #N/A            | 1511536000   | CAP MC CP 50V 180P J C0G 0603     | C257  | 1    |
| 165  | E-C-0404-4877   | 1511538000   | CAP MC CP 50V 220P J C0G 0603     | C614  | 1    |

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| Item | ViewSonic P/N  | Ref. P/N     | Description                              | Location  | Q'ty |
|------|----------------|--------------|--|---|------|
| 166  | E-C-0404-4875  | 1511545000   | CAP MC CP 50V 1KP J C0G 0603             | C602,C818   | 2    |
| 167  | E-C-0404-4875  | 1511545000   | CAP MC CP 50V 1KP J C0G 0603             | C819  | 1    |
| 168  | E-C-0404-4870  | 1512454000   | CAP MC CP 50V .01U K X7R 0603            | C301,C302,C303,C304,C305,C306,C307,C308,C309,C326,C331,C332,C333,C422,C838  | 15   |
| 169  | #N/A           | 1512457000   | CAP MC CP 50V .047U K X7R 0603           | C603,C604,C605,C606,C607,C608   | 6    |
| 170  | #N/A           | 1541577000   | CAP MC CP 16V 2.7KP J C0G 0603           | C808,C809   | 2    |
| 171  | #N/A           | 1547667100   | CAP MC CP 16V 1U Z Y5V 0805              | C312  | 1    |
| 172  | #N/A           | 1552458000   | CAP MC CP 25V .1U K X7R 0603             | C251,C258,C261,C264,C266,C314,C315,C316,C318,C324,C334,C335,C401,C402,C405,C407,C408,C409,C410,C411,C412,C413,C415,C416,C417,C418,C420,C421,C424,C426,C427,C429,C601,C612,C803,C805,C811,C812,C813,C814,C815,C816,C827,C833 | 44   |
| 173  | E-D-0403-2139  | 202351080105 | DIO SBD 3A 40V DO-201AD                  | D251  | 1    |
| 174  | #N/A           | 203812510731 | DIO ZEN 0.5W 2.540-2.750V MINI           | D253  | 1    |
| 175  | #N/A           | 203812510736 | DIO ZEN 0.5W 2.540-2.750V LLDS(MINIMELF) | D253  | 1    |
| 176  | E-D-0403-2130  | 203812540831 | DIO ZEN 0.5W 5.45-5.73V MINIMELF         | D602,D604,D605,D616,D807  | 5    |
| 177  | E-D-0403-2053  | 203812540836 | DIO ZEN 0.5W 5.45-5.73V LLDS(MINIMELF)   | D602,D604,D605,D616,D807  | 5    |
| 178  | #N/A           | 203812550631 | DIO ZEN 0.5W 6.66-7.01V MINIMELF         | D802,D803,D804,D805   | 4    |
| 179  | #N/A           | 203812580223 | DIO ZEN 0.5W 8.57-9.01V MINIMELF         | D801  | 1    |
| 180  | #N/A           | 203812580231 | DIO ZEN 0.5W 8.57-9.01V MINIMELF         | D801  | 1    |
| 181  | #N/A           | 203812580236 | DIO ZEN 0.5W 8.57-9.01V LLDS(MINIMELF)   | D801  | 1    |
| 182  | E-D-0403-2049  | 204520700207 | DIO SW 0.215A 75V SOT-23 SE.             | D607,D608,D609,D610,D611,D612,D613,D614,D615  | 9    |
| 183  | #N/A           | 204520700305 | DIO SW 0.2A 70V SOT-23 C.C.              | D601,D603   | 2    |
| 184  | E-D-0403-2046  | 204810750131 | DIO SW 0.15A 75V MINIMELF                | D254,D301,D302,D313,D314,D806   | 6    |
| 185  | #N/A           | 205300530005 | DIO SI 1A 50V DO-41                      | D252  | 1    |
| 186  | E-D-0403-2069  | 205300530023 | DIO SI 1A 50V DO-204AL(DO-41)            | D252  | 1    |
| 187  | E-Q-0402-1087  | 210522000405 | TR 40V 0.2A SOT-23 100-300               | Q303,Q305,Q307,Q308,Q309,Q801,Q803  | 7    |
| 188  | E-Q-0402-1180  | 210522000417 | TR 40V 0.2A SOT-23 100-300               | Q303,Q305,Q307,Q308,Q309,Q801,Q803  | 7    |
| 189  | E-Q-0402-0407  | 210522000717 | TR 40V 1A SOT-23 75                      | Q802  | 1    |
| 190  | #N/A           | 211522000205 | TR -40V -0.2A SOT-23 100-300             | Q301,Q302   | 2    |
| 191  | E-Q-0402-7017  | 211522000217 | TR -40V -0.2A SOT-23 100-300             | Q301,Q302   | 2    |
| 192  | E-Q-0402-1554  | 242522500005 | FET 60V 0.115A 7.5OHM LL SOT-23          | Q304,Q312   | 2    |
| 193  | E-Q-0402-1553  | 242522500017 | FET 60V 0.115A 5OHM LL SOT-23            | Q304,Q312   | 2    |
| 194  | #N/A           | 242601100217 | FET 30V 7.9A 0.022OHM LL SO-8            | IC804,IC805   | 2    |
| 195  | #N/A           | 243601000317 | FET -30V -5.3A 0.05OHM LL SOIC-8         | Q306,Q310   | 2    |
| 196  | E-IC-0401-2940 | 2500082937   | IC LDO REGU 3.3V 5A TO-263               | IC253   | 1    |
| 197  | #N/A           | 2500254080   | IC REGU ADJ 3A 1.22V 21V SO-8P           | IC251   | 1    |
| 198  | #N/A           | 2510337297   | IC 8051 UP WITH ISP PLCC-44P             | IC301   | 1    |
| 199  | E-IC-0401-1927 | 2530085011   | IC 4-CH AUDIO PROCESSOR SO-28P           | IC802   | 1    |
| 200  | E-IC-0401-1928 | 2530100016   | IC 2*6 STEREO CARD RADIO 9P              | IC803   | 1    |
| 201  | #N/A           | 2530222052   | IC SXGA LCD CTL PQFP-128P                | IC401   | 1    |
| 202  | E-IC-0401-2942 | 2610049742   | IC CMOS 2K EEPROM SOIC-8P                | IC601,IC602   | 2    |
| 203  | #N/A           | 2610188212   | IC E2PROM 16K 5V 8PIN                    | IC302   | 1    |
| 204  | #N/A           | 2610188612   | IC EEPROM 16K SOIC-8P                    | IC302   | 1    |
| 205  | E-IC-0401-2937 | 2610527042   | IC EEPROM 16K SO-8P                      | IC302   | 1    |
| 206  | E-IC-0401-2938 | 2610527312   | IC EEPROM 16K(2048*8) SOIC-8P            | IC302   | 1    |
| 207  | E-L-0407-1183  | 2816300400   | CHOKE CD 14.5uH K                        | L252  | 1    |
| 208  | #N/A           | 2816315300   | CHOKE CD 19uH +-10%                      | L251  | 1    |
| 209  | #N/A           | 2921093612   | BEAD CH 100MHZ 120 OHM 0.2A 0603         | FB301   | 1    |
| 210  | #N/A           | 2921093612   | BEAD CH 100MHZ 120 OHM 0.2A 0603         | FB302,FB303,FB304,FB305,FB306,FB307,FB308,FB309,FB310,FB251,FB252,FB254,FB311,FB312,FB313,FB314,FB316,FB401,FB402,FB403,FB404,FB405,FB406,FB801,FB802,FB803,FB804,FB806   | 28   |
| 211  | E-R-0405-2330  | 13153000     | RES CF 1/4W 15K J                        | R06   | 1    |
| 212  | E-R-0405-5916  | 23221000     | RES CF 1/2W 220 J                        | R118  | 1    |
| 213  | #N/A           | 311434000    | RES CH 1/4W 140K F 1206                  | R08   | 1    |

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| Item | ViewSonic P/N | Ref. P/N     | Description                             | Location                                    | Q'ty |
|------|---------------|--------------|---|---|------|
| 214  | #N/A          | 313000000    | RES CH 1/4W ZERO J 1206                 | J1,J11,J12,J16,J2,J20,J24,J3,J4,R32,R33,R34 | 12   |
| 215  | #N/A          | 313104000    | RES CH 1/4W 100K J 1206                 | R24   | 1    |
| 216  | #N/A          | 313154000    | RES CH 1/4W 150K J 1206                 | R02   | 1    |
| 217  | #N/A          | 313331000    | RES CH 1/4W 330 J 1206                  | R46   | 1    |
| 218  | #N/A          | 313333000    | RES CH 1/4W 33K J 1206                  | R09   | 1    |
| 219  | #N/A          | 341069100    | RES CH 1/8W 27K F 0805                  | R13   | 1    |
| 220  | #N/A          | 341243100    | RES CH 1/8W 402 F 0805                  | R39,R43                                     | 2    |
| 221  | #N/A          | 343000100    | RES CH 1/8W ZERO J 0805                 | R35   | 1    |
| 222  | #N/A          | 343102100    | RES CH 1/8W 1K J 0805                   | R38,R42                                     | 2    |
| 223  | E-R-0405-6685 | 343103100    | RES CH 1/8W 10K J 0805                  | R04,R07,R31,R47                             | 4    |
| 224  | E-R-0405-6686 | 343105100    | RES CH 1/8W 1M J 0805                   | R12,R25,R26                                 | 3    |
| 225  | #N/A          | 343332100    | RES CH 1/8W 3.3K J 0805                 | R37,R41                                     | 2    |
| 226  | #N/A          | 343333100    | RES CH 1/8W 33K J 0805                  | R17,R18,R44                                 | 3    |
| 227  | #N/A          | 343431100    | RES CH 1/8W 430 J 0805                  | R22,R30                                     | 2    |
| 228  | E-R-0405-6689 | 343432100    | RES CH 1/8W 4.3K J 0805                 | R03   | 1    |
| 229  | #N/A          | 343512100    | RES CH 1/8W 5.1K J 0805                 | R05,R14,R15,R16                             | 4    |
| 230  | #N/A          | 343563100    | RES CH 1/8W 56K J 0805                  | R10   | 1    |
| 231  | #N/A          | 343623100    | RES CH 1/8W 62K J 0805                  | R01   | 1    |
| 232  | #N/A          | 653305002    | RES HI-VOL 1/2W 3M J                    | R36,R40                                     | 2    |
| 233  | #N/A          | 653305022    | RES HI-VOL 1/2W 3M J                    | R36,R40                                     | 2    |
| 234  | #N/A          | 841110802    | FUSE F/P 5A 125V UL CSA                 | F01   | 1    |
| 235  | #N/A          | 1160410332   | CAP CD 3KV 15P J SL K17.5               | C27,C30                                     | 2    |
| 236  | #N/A          | 1165104012   | CAP CD 3KV 5P D SL P7.5                 | C34,C35                                     | 2    |
| 237  | #N/A          | 144144711403 | CAP AL 25V 470U M 10*16 TP5             | C02,C03                                     | 2    |
| 238  | #N/A          | 1512452100   | CAP MC CP 50V 6.8KP K X7R 0805          | C29   | 1    |
| 239  | #N/A          | 1512453100   | CAP MC CP 50V 8.2KP K X7R 0805          | C25,C33                                     | 2    |
| 240  | E-C-0404-4496 | 1512454100   | CAP MC CP 50V .01U K X7R 0805           | C10   | 1    |
| 241  | #N/A          | 1512458100   | CAP MC CP 50V .1U K X7R 0805            | C09,C13,C15,C16,C17,C18,C19,C20,C36,C37     | 10   |
| 242  | #N/A          | 1512479100   | CAP MC CP 50V 1.5KP K X7R 0805          | C11   | 1    |
| 243  | #N/A          | 1518542100   | CAP MC CP 50V 470P F C0G 0805           | C14   | 1    |
| 244  | #N/A          | 1542467100   | CAP MC CP 16V 1U K X7R 0805             | C05,C06,C08                                 | 3    |
| 245  | #N/A          | 1542473100   | CAP MC CP 16V .33U K X7R 0805           | C07   | 1    |
| 246  | #N/A          | 1552487200   | CAP MC CP 25V 2.2U K X7R 1206           | C21,C22,C23,C24                             | 4    |
| 247  | #N/A          | 15A7689100   | CAP MC CP 10V 4.7U Z Y5V 0805           | C217,C26                                    | 2    |
| 248  | E-D-0403-2053 | 203812540836 | DIO ZEN 0.5W 5.45-5.73V LLDS(MINIMELF)  | D01,D02,D03,D04,D05                         | 4    |
| 249  | #N/A          | 203812580223 | DIO ZEN 0.5W 8.57-9.01V MINIMELF        | D11   | 1    |
| 250  | #N/A          | 203812580231 | DIO ZEN 0.5W 8.57-9.01V MINIMELF        | D11   | 1    |
| 251  | #N/A          | 203812580236 | DIO ZEN 0.5W 8.57-9.01V LLDS(MINIMELF)  | D11   | 1    |
| 252  | E-D-0403-2049 | 204520700207 | DIO SW 0.215A 75V SOT-23 SE.            | D06,D09,D10,D13,D15,D16,D17,D18             | 8    |
| 253  | E-D-0403-2050 | 204520700217 | DIO SW 0.2A 70V SOT-23 SE.              | D06,D09,D10,D13,D15,D16,D17,D18             | 8    |
| 254  | #N/A          | 204810750107 | DIO SW 0.2A 75V SOD80C(MINIMELF)        | D07,D08,D19                                 | 3    |
| 255  | E-D-0403-2136 | 204810750123 | DIO SW 0.15A 75V MINIMELF               | D07,D08,D19                                 | 3    |
| 256  | E-D-0403-2046 | 204810750131 | DIO SW 0.15A 75V MINIMELF               | D07,D08,D19                                 | 3    |
| 257  | E-D-0403-2047 | 204810750136 | DIO SW 0.15A 75V MINIMELF               | D07,D08,D19                                 | 1    |
| 258  | E-Q-0402-0906 | 210102500011 | TR 50V 0.5A TO-92 100-200               | Q01   | 1    |
| 259  | E-Q-0402-7019 | 210522000505 | TR 40V 0.6A SOT-23 80                   | Q06,Q07                                     | 2    |
| 260  | E-Q-0402-7020 | 210522000517 | TR 40V 1.0A SOT-23 80                   | Q06,Q07                                     | 2    |
| 261  | E-Q-0402-7018 | 211522000405 | TR -40V -0.6A SOT-23 100                | Q02   | 1    |
| 262  | E-Q-0402-1554 | 242522500005 | FET 60V 0.115A 7.5OHM LL SOT-23         | Q03,Q04,Q05                                 | 3    |
| 263  | E-Q-0402-1553 | 242522500017 | FET 60V 0.115A 50HM LL SOT-23           | Q03,Q04,Q05                                 | 3    |
| 264  | #N/A          | 242601000217 | FET 30V 7A 0.028OHM LL SO-8 N+P         | IC02,IC03,IC04,IC05                         | 4    |
| 265  | #N/A          | 2510301254   | IC PWM CCFL INVERTER CONTROLLER SOP-20P | IC01  | 1    |
| 266  | #N/A          | 2811980980   | X'FMR IT 1.2H K                         | T01,T02                                     | 2    |
| 267  | #N/A          | 3070335534   | HEADER NY66 94V0 7P P2.0 BROWN          | CN01  | 1    |
| 268  | E-R-0405-5763 | 23100000     | RES CF 1/2W 10 J                        | R112  | 1    |
| 269  | #N/A          | 133104000    | RES MOF 1W 100K J                       | R101  | 1    |
| 270  | #N/A          | 143399000    | RES MOF 2W .39 J                        | R103  | 1    |
| 271  | E-R-0405-6645 | 190204200    | RES FUSING MF 1/2W .1 J                 | R108  | 1    |



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| Item | ViewSonic P/N  | Ref. P/N     | Description                              | Location                                | Q'ty |
|------|----------------|--------------|--|---|------|
| 272  | #N/A           | 313000000    | RES CH 1/4W ZERO J 1206                  | J2,R109,R116,R219,R115                  | 5    |
| 273  | #N/A           | 313101000    | RES CH 1/4W 100 J 1206                   | R201,R202                               | 1    |
| 274  | #N/A           | 313125000    | RES CH 1/4W 1.2M J 1206                  | R111,R113                               | 1    |
| 275  | #N/A           | 313471000    | RES CH 1/4W 470 J 1206                   | R205                                    | 1    |
| 276  | #N/A           | 313514000    | RES CH 1/4W 510K J 1206                  | R104,R105,R106,R107                     | 4    |
| 277  | #N/A           | 341109100    | RES CH 1/8W 1.96K F 0805                 | R215                                    | 1    |
| 278  | #N/A           | 341185100    | RES CH 1/8W 7.5K F 0805                  | R209                                    | 1    |
| 279  | #N/A           | 343303100    | RES CH 1/8W 30K J 0805                   | R114                                    | 1    |
| 280  | #N/A           | 855340721    | FUSE TSC 4A 250V UL VDE 11*4 PIG         | F101                                    | 1    |
| 281  | #N/A           | 910500311    | NTC R=5 OHM L 4A                         | NTC101                                  | 1    |
| 282  | #N/A           | 910500316    | NTC R=5 OHM L 4A                         | NTC101                                  | 1    |
| 283  | #N/A           | 923610045    | VARISTOR 360V 47J 2500A                  | VA102                                   | 1    |
| 284  | #N/A           | 1101030027   | CAP Y CD 250VAC 100P K B I               | CY101,CY102                             | 2    |
| 285  | #N/A           | 1101030032   | CAP Y CD 250VAC 100P K B I               | CY101,CY102                             | 2    |
| 286  | #N/A           | 1101346000   | CAP Y CD 250VAC 2.2KP M E II             | CY103                                   | 1    |
| 287  | #N/A           | 140121021303 | CAP AL LD 16V 1KU M 12.5*15              | C209,C210                               | 2    |
| 288  | #N/A           | 140121021348 | CAP AL LD 16V 1KU M 12.5*16              | C209,C210                               | 2    |
| 289  | E-C-0404-3851  | 144164781400 | CAP AL 50V 4.7U M 5*11 TP5               | C105                                    | 1    |
| 290  | #N/A           | 145401010208 | CAP AL 400V 100U M 18*30                 | C101                                    | 1    |
| 291  | #N/A           | 145401010433 | CAP AL 400V 100U M 18*25                 | C101                                    | 1    |
| 292  | E-C-0404-4497  | 1517658100   | CAP MC CP 50V .1U Z Y5V 0805             | C106,C214,C217                          | 3    |
| 293  | #N/A           | 1532445100   | CAP MC CP 200V 1KP K X7R 0805            | C212                                    | 1    |
| 294  | E-C-0404-4920  | 1604314224   | CAP X MP PC 275VAC .33U K P15            | CX101                                   | 1    |
| 295  | E-C-0404-4685  | 1604314237   | CAP X MP PC 275VAC .33U M P15            | CX101                                   | 1    |
| 296  | #N/A           | 200101110023 | DIO BRD 2A 600V KBPM                     | CR101                                   | 1    |
| 297  | E-D-0403-2025  | 201330630007 | DIO FRD 1A 1000V SOD57 75nS              | D102                                    | 1    |
| 298  | #N/A           | 202003660005 | DIO SBD 20A 100V TO-220 C.C.             | D201                                    | 1    |
| 299  | #N/A           | 202003660108 | DIO SBD 20A 100V TO-220AB C.C.           | D201                                    | 1    |
| 300  | #N/A           | 202003660123 | DIO SBD 20A 100V TO-220AB C.C.           | D201                                    | 1    |
| 301  | #N/A           | 203349610231 | DIO TVS 1.5KW 143-158V DO-201AE          | D101                                    | 1    |
| 302  | #N/A           | 203812760036 | DIO ZEN 0.5W 24.97-26.26V LLDS(MINIMELF) | D104                                    | 1    |
| 303  | E-D-0403-1937  | 204322000207 | DIO SW 0.25A 200V SOD-27(DO-35)          | D103                                    | 1    |
| 304  | #N/A           | 2310040207   | PHOTO 70V 4PIN 160-320% 10.16mm          | IC102                                   | 1    |
| 305  | #N/A           | 2310040208   | PHOTO 55V 4PIN 150-300% 10.16            | IC102                                   | 1    |
| 306  | E-IC-0401-2340 | 2310040209   | PHOTO 70V 4PIN 160-320% 10.16mm          | IC102                                   | 1    |
| 307  | #N/A           | 2310089008   | PHOTO 80V 4PIN 150-300% 10.16mm          | IC102                                   | 1    |
| 308  | #N/A           | 242017800008 | FET 700V 6A 1.38ohm TO-220FP             | Q101                                    | 1    |
| 309  | #N/A           | 2500004210   | IC VOL ADJ 37V 2.5V 1% T92               | IC201                                   | 1    |
| 310  | #N/A           | 2500004213   | IC VOL ADJ 37V 2.5V 1% T92               | IC201                                   | 1    |
| 311  | #N/A           | 2500004214   | IC VOL ADJ 37V 2.5V 1% T92               | IC201                                   | 1    |
| 312  | #N/A           | 251039702B   | IC PWM GREEN MODE SO-8PIN                | IC101                                   | 1    |
| 313  | #N/A           | 2811100080   | X'FMR SMT 480uH J                        | T101                                    | 1    |
| 314  | #N/A           | 2817131480   | CHOKE CR 600uH MIN 4P                    | FL101                                   | 1    |
| 315  | #N/A           | 2817219380   | LF 4mH MIN                               | FL102                                   | 1    |
| 316  | #N/A           | 3411000500   | JUMP WIRE COPPER 0.6*12.5*4.0            | J1                                      | 1    |
| 317  | M-MS-0808-8179 | 2301462531   | LED HI-RED/GRN 3*4*2 C.C.                | D901                                    | 1    |
| 318  | #N/A           | 3070337934   | HEADER NY66 94V0 11P P2.0 R BROWN        | CN301                                   | 1    |
| 319  | #N/A           | 3071297034   | HEADER NYLON66 94V-0 4P P2.0             | CN251                                   | 1    |
| 320  | #N/A           | 3071312334   | HEADER NY66 94V0 4P P2.5                 | CN804                                   | 1    |
| 321  | #N/A           | 3072231000   | CONN PHONE JACK OD3.5 7P R/A GREEN       | CN802                                   | 1    |
| 322  | #N/A           | 3075308757   | CONN D-SUB 15P R/A PC99 W/O SCREW        | CN602                                   | 1    |
| 323  | #N/A           | 3075316467   | CONN DVI-I 24P P1.905 R                  | CN601                                   | 1    |
| 324  | #N/A           | 3075353143   | CONN D-SUB FEMALE 15P P2.29 BLUE         | CN602                                   | 1    |
| 325  | #N/A           | 3075415766   | CONN FFC/FPC BOTTOM 30P P1.0 SMT         | CN401                                   | 1    |
| 326  | #N/A           | 3076290066   | HEADER BOX NY46 94V0 2P P3.5             | CN05,CN04,CN03,CN02                     | 4    |
| 327  | M-WR-0828-0224 | 3411000300   | JUMP WIRE COPPER 0.6*7.5*4.0             | J8,J13,J17,J18,J22,J23                  | 6    |
| 328  | M-WR-0828-0249 | 3411000400   | JUMP WIRE COPPER 0.6*10.0*4.0            | J10,J15                                 | 2    |
| 329  | M-WR-0828-0388 | 3411000600   | JUMP WIRE COPPER 0.6*15.0*4.0            | J14,J9                                  | 2    |
| 330  | M-WR-0828-0389 | 3411000700   | JUMP WIRE COPPER 0.6*17.5*4.0            | J5,J6,J7,J19,J2                         | 5    |
| 331  | #N/A           | 3000093900   | SWITCH TACTILE DPST                      | S901,S902,S903,S904,S905,S906,S907,S908 | 8    |

**VG910b BOM LIST**

| Item | ViewSonic P/N  | Ref. P/N   | Description                           | Location                 | Q'ty |
|------|----------------|------------|---------------------------------------|--------------------------|------|
| 332  | #N/A           | 3071297834 | HEADER NYLON66 94V-0 12P P2.0         | CN901                    | 1    |
| 333  | M-WR-0828-0224 | 3411000300 | JUMP WIRE COPPER 0.6*7.5*4.0          | J1~J8                    | 8    |
| 334  | #N/A           | 3470500600 | LED HOLDER NY66 94V-2 OD=8*4          | D901                     | 1    |
| 335  | #N/A           | 3642321800 | WIRE WITH TERMINAL 1015 #18 BLK L155  | CND901,902(ESD SOLUTION) | 2    |
| 336  | #N/A           | 3341732501 | HSK PLATE AL110F 46.5*21 T1.5         | HS201                    | 1    |
| 337  | #N/A           | 3341732602 | HSK PLATE AL1100F PICKLING 64*41.3*21 | HS102                    | 1    |
| 338  | M-MS-0808-9140 | 3070168334 | HEADER NYLON66 94V-0 3P P3.96         | CN101                    | 1    |
| 339  | M-WR-0828-6622 | 3670479500 | WIRE WITH HOUSING 1007 #24 L120 4P    | CN201                    | 1    |
| 340  | M-MS-0808-7754 | 3343705302 | HSK AL T=1.5 21*9                     | IC803                    | 1    |

**VG910s BOM LIST**

| Item | ViewSonic P/N   | Ref. P/N   | Description                              | Location                                  | Q'ty  |
|------|-----------------|------------|--|---|-------|
| 1    | A-PC-0106-0193  | 3070000501 | AC POWER CORD L1800 BLACK EURO           |   | 1     |
| 2    | A-AU-0120-0033  | 3080005100 | CABLE AUDIO L=1800 BLK PC99              |   | 1     |
| 3    | A-VC-0101-0359  | 3080426400 | CABLE D-SUB/D-SUB L1800 BLK 20276        |   | 1     |
| 4    | M-FC-0809-0790  | 3080517603 | CABLE FFC 30P P1.0 L270 T2               | PANEL TO I/F                              | 1     |
| 5    | A-PC-0106-0150  | 3090107600 | AC POWER CORD L=1800 BLACK UL/CSA        |   | 1     |
| 6    | M-SCW-0824-0410 | 3100300600 | SCREW M M3*0.5*6 PAN C S+P S20C ZN       | I/V+PANEL BKT,POWER BD+Panel BKT          | 10    |
| 7    | M-SCW-0824-0734 | 3102710800 | SCREW M M4*0.7*8 PAN C S S18C ZN YEL     | AC SOCKET GND                             | 1     |
| 8    | M-SCW-0824-0690 | 3105051501 | SCREW M #4-40*7 HEXH #4-40*3 S18C NI     | CONN. D-SUB, DVI-D                        | 2     |
| 9    | M-SCW-0814-0691 | 3105120100 | SCREW M M4*0.7*12 PAN C S+P S10C ZN YEL  | STAND ASSY+cabinet back                   | 6     |
| 10   | M-SCW-0824-6793 | 3105125300 | SCREW M M4*0.7*6 FF C S18C ZN BLK NYLCOK | Cabinet Back+Panel BKT                    | 2     |
| 11   | M-SCW-0824-0776 | 3105221000 | SCREW M M3*0.5*6 FF C S18C ZN            | Panel BKT+BKT Hinge                       | 2     |
| 12   | M-SCW-0824-6796 | 3105223600 | SCREW M M3*0.5*8 FF C S18C ZN            | PANEL+Panel BKT                           | 4     |
| 13   | M-SCW-0824-0777 | 3105225300 | SCREW M M3*0.5*4 FF C S18C ZN            | CABLE CLAMP+PANEL BKT                     | 1     |
| 14   | M-SCW-0824-0777 | 3105225300 | SCREW M M3*0.5*4 FF C S18C ZN            | D-SUB BKT+Panel BKT                       | 3     |
| 15   | M-SCW-0824-0777 | 3105225300 | SCREW M M3*0.5*4 FF C S18C ZN            | D-SUB BKT+Shield Can                      | 3     |
| 16   | M-SCW-0824-0777 | 3105225300 | SCREW M M3*0.5*4 FF C S18C ZN            | I/V SHIELD+Panel BKT                      | 1     |
| 17   | M-SCW-0824-0007 | 3109010100 | SCREW T f 3*0.5*8 BIND C S18C ZN         | I/F BD+IC803                              | 1     |
| 18   | M-SCW-0824-0779 | 3109017700 | SCREW T M3*2.7*7.5 FF C S18C ZN YEL      | F/B+K/B                                   | 3     |
| 19   | M-SCW-0824-0779 | 3109017700 | SCREW T M3*2.7*7.5 FF C S18C ZN YEL      | Cabinet Back+bkt Hinge                    | 4     |
| 20   | M-SCW-0824-0620 | 3109020500 | SCREW T f 4*1.6*10 PAN C S18C ZN YEL     | Cabinet Back+BKT Hinge                    | 4     |
| 21   | M-SCW-0824-6795 | 3109023700 | SCREW T M4*1.6*8 FPH C S18C ZN YEL       | Speaker R&L+F/B                           | 4     |
| 22   | M-MS-0808-8040  | 3110250000 | WASHER SPRING SWRT                       | CONN DVI-D                                | 2     |
| 23   | M-MS-0808-8040  | 3110250000 | WASHER SPRING SWRT                       | CONN D-SUB                                | 2     |
| 24   | M-LB-0813-0785  | 3200158900 | LABEL STICKER OD10 WHT HI-POT            |   | 1     |
| 25   | M-LB-0813-0712  | 3200449700 | LABEL WARING                             | BY AIR SHIPPING,STICK ON TUBE             | 0.125 |
| 26   | M-MS-0808-9126  | 3200655300 | NAME PLATE VSC 3-BIRD LOGO AL 14.5*10.0  | FOR F/B ,REV:00                           | 1     |
| 27   | M-MS-0808-9127  | 3200655500 | NAME PLATE AL VIEWSONIC L38 T1.2         | FOR F/B ,REV:00                           | 1     |
| 28   | M-LB-0813-0384  | 3200712700 | LABEL CONTROL 100*90                     | Stick on pallet                           | 0.063 |
| 29   | M-LB-0813-0551  | 3200744000 | LABEL BAR CODE 55*15 VSC-G               | Stick on flow card                        | 1     |
| 30   | M-LB-0813-0696  | 3200753101 | LABEL BAR CODE 76*121 VIEWSONIC          |   | 1     |
| 31   | M-LB-0813-0759  | 3200930800 | LABEL VER. CONTROL 20*20 VIEWSONIC       | Stick on Carton                           | 0.167 |
| 32   | M-LB-0813-0917  | 3201965500 | LABEL ID 160*43 VSC VG910S               |   | 1     |
| 33   | M-LB-0813-0900  | 3202011000 | LABEL SERIES PANEL 42*11 T0.05           | FOR STICK ON Travel Card                  | 1     |
| 34   | M-LB-0813-0714  | 3202310700 | LABEL HV WARNING 100*25                  | FOR I/V SHIELD CAN                        | 1     |
| 35   | M-MS-0808-8303  | 3211024500 | MYLAR 435*350 T.1                        | F/B                                       | 1     |
| 36   | M-MS-0808-7507  | 3220136000 | TAPE W=29 #1350F-1 3M                    | STICK ON PANEL BKT & SHIELD CAN I/F TOP   | 0.14  |
| 37   | M-MS-0808-7507  | 3220136000 | TAPE W=29 #1350F-1 3M                    | AUDIO WIRE+PANEL BKT                      | 0.05  |
| 38   | M-MS-0808-7507  | 3220136000 | TAPE W=29 #1350F-1 3M                    | STICK ON TOP BOT SIDE&FFC CONN. EACH 70m  | 0.21  |
| 39   | M-MS-0808-7507  | 3220136000 | TAPE W=29 #1350F-1 3M                    | STICK ON PANEL BKT & SHIELD CAN I/F &     | 0.09  |
| 40   | M-MS-0808-7507  | 3220136000 | TAPE W=29 #1350F-1 3M                    | STICK ON PANEL TOP & BOTTOM WIRE          | 0.1   |
| 41   | M-MS-0808-7507  | 3220136000 | TAPE W=29 #1350F-1 3M                    | STICK ON PANEL BKT & SHIELD CAN I/V LEFT  | 0.14  |
| 42   | M-MS-0808-7507  | 3220136000 | TAPE W=29 #1350F-1 3M                    | STICK ON PANEL BKT & SHIELD CAN I/F RIGH  | 0.14  |
| 43   | #N/A            | 3220161733 | TAPE W=20 #3800A NITTO                   | FOR TWO TOP ANG LE OF F/B                 | 0.09  |
| 44   | #N/A            | 3220182510 | TAPE W=28 2L #1350F-1 3M                 | STICK ON PANEL BKT POWER BD AR EA R&L SID | 2     |
| 45   | #N/A            | 3222201300 | TAPE AL FOIL W=25 #80023 CATERON         | AUDIO WIRE+PANE L BKT                     | 0.06  |
| 46   | M-MS-0808-8608  | 3240956400 | RUBBER HOLD PLUG OD4.9 H3.2 BLK          | CABINET BACK                              | 4     |
| 47   | PL-PD-0714-0111 | 3240968200 | RUBBER PAD 50*10 T3 GRAY                 | PANEL+FFC CABLE T BACK                    | 1     |
| 48   | M-MS-0808-9142  | 3241132900 | INSULATOR PC T.4 204*40 VG910            | STICK ON CABINE                           | 1     |
| 49   | C-BC-0302-0568  | 3360248900 | CABINET BACK ABS 41 S9LRC1LS             |   | 1     |
| 50   | C-BC-0302-0569  | 3368216701 | R/C ASSY L19BMR05BAB S9LRC1LS            |   | 1     |
| 51   | M-MS-0808-7739  | 3200648800 | NAME PLATE ABS 94HB VIEWSONIC 82.83*34.9 |   | 1     |
| 52   | C-BC-0302-0581  | 3360249101 | R/C ABS 41 VG910S S9LRC1LS               |   | 1     |
| 53   | C-FP-0301-9921  | 3368302901 | F/B ASSY L19BMR05AAB S9LFC1LS            |   | 1     |
| 54   | PL-FK-0709-0150 | 3360732801 | FUNCTION KEY ABS CR S8LFC1LS             |   | 1     |

**VG910s BOM LIST**

| Item | ViewSonic P/N   | Ref. P/N   | Description                              | Location                                 | Q'ty  |
|------|-----------------|------------|--|--|-------|
| 55   | C-FP-0301-0961  | 3361085901 | F/B ABS SILVER VG910S S9LFC1LS           | 3361086200TL                             | 1     |
| 56   | C-BS-0303-0511  | 3368991901 | STAND ASSY L18FMR05AAB S8LBA1AT SERVICE  |  | 1     |
| 57   | M-SCW-0814-0692 | 3105124000 | SCREW M M4*0.7*6 PAN C S18C NI           | HINGE R&L+BKT ARM                        | 6     |
| 58   | M-SCW-0824-6793 | 3105125300 | SCREW M M4*0.7*6 FF C S18C ZN BLK NYLCOK | BKT ATM+BKT BASE                         | 3     |
| 59   | M-SCW-0824-6793 | 3105125300 | SCREW M M4*0.7*6 FF C S18C ZN BLK NYLCOK | BKT BASE+COVER BASE                      | 4     |
| 60   | M-SCW-0824-0413 | 3109011400 | SCREW T M3*0.5*6 BIND C S18C ZN YEL      | ARM REAR+BKT ARM                         | 1     |
| 61   | M-SCW-0824-0620 | 3109020500 | SCREW T f 4*1.6*10 PAN C S18C ZN YEL     | ARM FRONT+BKT ARM                        | 4     |
| 62   | PL-PD-0714-0067 | 3240956800 | RUBBER FOOT 81*13*3T BLK                 | BKT BSAE                                 | 2     |
| 63   | M-MS-0808-8157  | 3240957400 | SPONGE EVA 100*7 T1 BLACK                | BASE COVER                               | 1     |
| 64   | PL-PD-0714-0068 | 3240957500 | RUBBER FOOT 75*10 T3                     | BKT BASE                                 | 2     |
| 65   | M-MS-0808-9137  | 3240977700 | RUBBER HOLE PULG OD11.4 ID6.5 T7.36 BLK  | ARM REAR                                 | 1     |
| 66   | M-CV-0830-2381  | 3360916300 | ARM FRONT ABS 41 VX700-2                 |  | 1     |
| 67   | M-CV-0830-2509  | 3360919201 | ARM COVER REAR ABS 41 S8LBA2LS           |  | 1     |
| 68   | M-CV-0830-2394  | 3361205900 | COVER BASE ABS 41 VG800-2                |  | 1     |
| 69   | M-MS-0808-8612  | 3461750602 | HINGE SUB ASSY R L19EMW05BAW             |  | 1     |
| 70   | M-MS-0808-8613  | 3461750702 | HINGE SUB ASSY L L19EMW05BAW             |  | 1     |
| 71   | M-MS-0808-9130  | 3461752700 | HINGE-R SUS304 62*20 T2                  |  | 1     |
| 72   | M-MS-0808-9131  | 3461752800 | HINGE-L SUS304 62*20 T2                  |  | 1     |
| 73   | M-BK-0805-0043  | 3461753201 | BRACKET ARM SECC 156*126.1*153.6 T2      |  | 1     |
| 74   | M-BK-0805-0044  | 3461753301 | BRACKET BASE SECC 266.6*161.4 T2         |  | 1     |
| 75   | M-MS-0808-8162  | 3421024500 | CABLE CLAMP GROUNDING SPCC T.3mm         | K/B WIRE                                 | 1     |
| 76   | M-BK-0805-0061  | 3460144800 | BRACKET CONN SECC 41.7*30 T0.6           | PANEL BKT+LVDS CABLE                     | 1     |
| 77   | M-MS-0808-8561  | 3460146100 | BRACKET VESA SECC 110*20 T1              | CABINET BACK                             | 2     |
| 78   | M-MS-0808-8563  | 3460146300 | BRACKET KEYLOCK SECC 20.4*16.45*4.9 T.6  | CABINET BACK                             | 1     |
| 79   | M-BK-0805-0048  | 3460165200 | BRACKET D-SUB SECC 266*30*29 T.8         |  | 1     |
| 80   | M-BK-0805-0049  | 3460165300 | BRACKET HINGE SECC 228*60*16 T.8         |  | 1     |
| 81   | M-BK-0805-0050  | 3460165401 | BRACKET PANEL SECC 406.3*332.3*19.8 T.8  |  | 1     |
| 82   | M-MS-0808-9144  | 3460165500 | BRACKET SHIELD CAN INV SECC 220.6*66.8*2 |  | 1     |
| 83   | M-MS-0808-9145  | 3461235402 | SHIELD CAN IF SPTH 280.7*156.72*30.4 T.3 |  | 1     |
| 84   | M-MS-0808-9143  | 3343715400 | HSK PLATE AL1100F PICKLING T1            |  | 1     |
| 85   | M-MS-0808-9146  | 3500117000 | END BLOCK-TOP L19BMR05AAB                |  | 1     |
| 86   | M-MS-0808-9147  | 3500117100 | END BLOCK-BOTTOM L19BMR05AAB             |  | 1     |
| 87   | M-MS-0808-9132  | 3500932402 | PE BAG 640*580*.06T CLEAR                | 3% SPARE PARTS                           | 1     |
| 88   | M-MS-0808-8762  | 3500937501 | PE BAG 300*200*0.06T                     | FOR PACKING POWER CORD+AUDIO CABLE+D-SUB | 1     |
| 89   | #N/A            | 3510441600 | TRAY 1166*1076*142H(INSIDE) VX900        | AIR SHIPPING                             | 0.125 |
| 90   | M-LCD-0826-0127 | 3510552100 | TUBE 1156*1066*1050(H) LCD 19"           | BY AIR SHIPPING                          | 0.063 |
| 91   | #N/A            | 3510807600 | ANGLE PAPER 2190*55*55                   | BY SEA                                   | 0.125 |
| 92   | M-MS-0808-9133  | 3510878400 | CAP PAPER 1140*1050*120                  | BY SEA FOR 32 SETS/PALLET                | 0.032 |
| 93   | P-BX-0601-0929  | 3512251800 | CARTON 556*515*252 VG910S L18BMR05AAB    | 3% FOR SPARE PARTS                       | 1     |
| 94   | #N/A            | 3520026001 | PALLET FUMIGATE 1070*1140*120            | BY AIR SHIPPING FOR 16SETS/PALLET        | 0.063 |
| 95   | #N/A            | 3520026001 | PALLET FUMIGATE 1070*1140*120            | BY SEA                                   | 0.032 |
| 96   | M-MS-0808-5135  | 3520082400 | PE FILM t=0.02mm W=500                   |  | 0.04  |
| 97   | M-MS-0808-7820  | 3520130500 | DRYER 15G 80*60                          |  | 2     |
| 98   | PL-SP-0723-0002 | 3520142700 | PLASTIC STRIP W=12 T.5 BLACK             |  | 1     |
| 99   | A-CD-VG910S     | 3532078400 | CD-ROM VSC A-CD-VG910S-1                 | PUT IN MANUAL PACKING ASSY               | 1     |
| 100  | A-UG-0107-0512  | 3532078501 | MANUAL PACKING ASSY VSC VG910S           | PUT IN CARTON                            | 1     |
| 101  | M-MS-0808-8396  | 3520094201 | PE BAG 260*155*0.1T                      |  | 1     |
| 102  | M-MS-0808-9203  | 5011097300 | MANUAL QUICK START GUIDE VSC VG910S      |  | 1     |
| 103  | M-MS-0808-9135  | 3610171802 | AC SOCKET ASSY VG810S                    |  | 1     |
| 104  | M-WR-0828-6619  | 3670479600 | WIRE WITH HOUSING 2547 #28 L500 4P       | I/F TO SPEAKER                           | 1     |
| 105  | M-WR-0828-6623  | 3679009500 | WIRE WITH HOUSING 20276 #30 L395 12P     | I/F TO K/B                               | 1     |
| 106  | E-SK-0412-0086  | 3790182900 | SPEAKER ASSY L18FMR05AAB                 |  | 2     |
| 107  | M-LCD-0826-0192 | 5051901202 | LCD 19" TFT PANEL SXGA                   |  | 1     |
| 108  | B-IF-0222-0053  | 5600110127 | LCD I/F BD ASSY L19BMR 05AAB             |  | 1     |
| 109  | #N/A            | 2970040202 | PWB D0 FR-4 145*117 (I/F BD)             |  | 1     |
| 110  | M-LB-0813-0913  | 3202005900 | LABEL SERIAL 42*11 SONY                  | FOR STICK ON I/F BD                      | 1     |
| 111  | M-LB-0813-0914  | 3202009100 | LABEL REISTRATION 40*16                  |  | 1     |
| 112  | M-LB-0813-0915  | 3202215900 | LABEL MCU 11*11 POLYESTER 50#            |  | 0.13  |

**VG910s BOM LIST**

| Item | ViewSonic P/N   | Ref. P/N     | Description                        | Location  | Q'ty |
|------|-----------------|--------------|------------------------------------|---|------|
| 113  | M-MS-0808-9141  | 3240296500   | THERMAL PAD SILICONE 20*14 T2      | STICK ON IC401  | 1    |
| 114  | #N/A            | 3670706002   | WIRE WITH HOUSING 1007 #26 L120 7P | CN302,I/V TO I/F  | 1    |
| 115  | B-SB-0221-0590  | 5600110128   | LCD INVERTER BD ASSY L19BMR 05AAB  |   | 1    |
| 116  | #N/A            | 2970040301   | PWB S0 CEM-1 175*43 (INVERTER BD)  |   | 1    |
| 117  | B-PS-0204-0059  | 5600110175   | LCD POWER BD ASSY L19BMR 05AAB     |   | 1    |
| 118  | #N/A            | 2970040002   | PWB S0 CEM-1 125*60 (PWR BD)       |   | 1    |
| 119  | M-SCW-0824-0778 | 3105229400   | SCREW M M3*0.5*10 FF C S18C ZN     |   | 2    |
| 120  | M-MS-0808-9125  | 3110110900   | NUT M3*0.5 AISI1018                |   | 2    |
| 121  | M-MS-0808-8202  | 3220133600   | TAPE W=10 #1350F-1 3M              | STICK ON<br>INSULATOR(32402166XX)   | 0.15 |
| 122  | M-MS-0808-9128  | 3240216601   | INSULATOR PP T.43 60.86*129        |   | 1    |
| 123  | PL-CL-0710-0034 | 3421095601   | CLIP SUS301 T=0.4                  |   | 1    |
| 124  | B-KB-0207-0046  | 5600110180   | LCD FUN KEY BD ASSY L19BMR 05AAB   |   | 1    |
| 125  | #N/A            | 2970039902   | PWB S0 FR-1 140*24.3 (KEY BD)      |   | 1    |
| 126  | #N/A            | 313121000    | RES CH 1/4W 120 J 1206             | R801,R828   | 2    |
| 127  | #N/A            | 341062300    | RES CH 1/10W 15K F 0603            | R261  | 1    |
| 128  | E-R-0405-7034   | 341077300    | RES CH 1/10W 47K F 0603            | R262  | 1    |
| 129  | #N/A            | 341448300    | RES CH 1/10W 392 F 0603            | R401  | 1    |
| 130  | E-R-0405-7041   | 343000300    | RES CH 1/10W ZERO J 0603           | R641,R642,R643,R644,R645,R646,R647,R648,R808,R810   | 10   |
| 131  | E-R-0405-7049   | 343100300    | RES CH 1/10W 10 J 0603             | R260  | 1    |
| 132  | E-R-0405-6684   | 343101300    | RES CH 1/10W 100 J 0603            | R327,R328,R329,R335,R336,R350,R612,R613,R614,R615,R616,R617,R632,R634   | 14   |
| 133  | E-R-0405-7054   | 343102300    | RES CH 1/10W 1K J 0603             | R320,R636,R638  | 3    |
| 134  | E-R-0405-6685   | 343103300    | RES CH 1/10W 10K J 0603            | R316,R318,R323,R324,R326,R331,R333,R334,R339,R341,R342,R346,R347,R353,R355,R357,R601,R602,R607,R628,R629,R635,R823,R824,R825,R826 | 26   |
| 135  | E-R-0405-7042   | 343220300    | RES CH 1/10W 22 J 0603             | R804,R805   | 2    |
| 136  | E-R-0405-6687   | 343222300    | RES CH 1/10W 2.2K J 0603           | R321,R633,R812,R813   | 4    |
| 137  | #N/A            | 343434300    | RES CH 1/10W 430K J 0603           | R263  | 1    |
| 138  | E-R-0405-6690   | 343470300    | RES CH 1/10W 47 J 0603             | R603,R604,R622,R623   | 4    |
| 139  | E-R-0405-7033   | 343471300    | RES CH 1/10W 470 J 0603            | R301,R302,R303,R304,R305,R306,R307,R308,R611  | 11   |
| 140  | E-R-0405-7031   | 343472300    | RES CH 1/10W 4.7K J 0603           | R309,R312,R315,R319,R322,R325,R330,R332,R337,R338,R343,R344,R815,R817   | 14   |
| 141  | E-R-0405-7031   | 343472300    | RES CH 1/10W 4.7K J 0603           | R817  | 1    |
| 142  | E-R-0405-7035   | 343473300    | RES CH 1/10W 47K J 0603            | R809,R811,R816,R827   | 4    |
| 143  | E-R-0405-7036   | 343511300    | RES CH 1/10W 510 J 0603            | R313  | 1    |
| 144  | E-R-0405-6691   | 343562300    | RES CH 1/10W 5.6K J 0603           | R806,R807   | 2    |
| 145  | #N/A            | 343681300    | RES CH 1/10W 680 J 0603            | R310  | 1    |
| 146  | E-R-0405-6693   | 343750100    | RES CH 1/8W 75 J 0805              | R624,R625,R626  | 3    |
| 147  | #N/A            | 343823300    | RES CH 1/10W 82K J 0603            | R317  | 1    |
| 148  | #N/A            | 619900705    | RES ARRAY 10K J 8P4R 1206          | RP301,RP302,RP303,RP304   | 4    |
| 149  | #N/A            | 619900712    | RES ARRAY 10K J 8P4R 1206          | RP301,RP302,RP303,RP304   | 4    |
| 150  | #N/A            | 730060412    | CRYSTAL 14.318MHZ+-30PPM AT-49     | X401  | 1    |
| 151  | M-LCD-0826-0128 | 730500212    | CRYSTAL 11.0592MHZ 30PPM 16PF      | X301  | 1    |
| 152  | E-FS-0410-0074  | 841110702    | FUSE F/P 4A 125V UL CSA            | F251  | 1    |
| 153  | E-C-0404-4805   | 142122211200 | CAP AL 16V 220U M 8*11.5 TP5       | C254,C255,C262,C265,C311,C319,C252,C253,C828,C830   | 10   |
| 154  | #N/A            | 142141001200 | CAP AL 25V 10U M 5*11 TP5          | C313,C320,C323,C325,C807,C810,C817,C820,C821,C834   | 10   |
| 155  | E-C-0404-3839   | 142141011200 | CAP AL 25V 100U M 6.3*11 TP5       | C825  | 1    |
| 156  | E-C-0404-3953   | 142142201200 | CAP AL 25V 22U M 5*11 TP5          | C406,C414,C419,C423,C425,C428,C802,C804,C806,C836   | 10   |
| 157  | E-C-0404-3851   | 142164781200 | CAP AL 50V 4.7U M 5*11 TP5         | C824,C832,C835,C837   | 4    |
| 158  | #N/A            | 1511447000   | CAP MC CP 50V 3.3KP J X7R 0603     | C259  | 1    |
| 159  | E-C-0404-4869   | 1511454000   | CAP MC CP 50V .01U J X7R 0603      | C256  | 1    |
| 160  | #N/A            | 1511508000   | CAP MC CP 50V 10P J C0G 0603       | C609,C610,C611  | 3    |

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| Item | ViewSonic P/N  | Ref. P/N     | Description                              | Location  | Q'ty |
|------|----------------|--------------|--|---|------|
| 161  | E-C-0404-4878  | 1511514000   | CAP MC CP 50V 22P J C0G 0603             | C321,C322,C403,C404   | 4    |
| 162  | #N/A           | 1511518000   | CAP MC CP 50V 33P J C0G 0603             | C613  | 1    |
| 163  | E-C-0404-4874  | 1511530000   | CAP MC CP 50V 100P J C0G 0603            | C829,C831   | 2    |
| 164  | #N/A           | 1511536000   | CAP MC CP 50V 180P J C0G 0603            | C257  | 1    |
| 165  | E-C-0404-4877  | 1511538000   | CAP MC CP 50V 220P J C0G 0603            | C614  | 1    |
| 166  | E-C-0404-4875  | 1511545000   | CAP MC CP 50V 1KP J C0G 0603             | C602,C818   | 2    |
| 167  | E-C-0404-4875  | 1511545000   | CAP MC CP 50V 1KP J C0G 0603             | C819  | 1    |
| 168  | E-C-0404-4870  | 1512454000   | CAP MC CP 50V .01U K X7R 0603            | C301,C302,C303,C304,C305,C306,C307,C308,C309,C326,C331,C332,C333,C422,C838  | 15   |
| 169  | #N/A           | 1512457000   | CAP MC CP 50V .047U K X7R 0603           | C603,C604,C605,C606,C607,C608   | 6    |
| 170  | #N/A           | 1541577000   | CAP MC CP 16V 2.7KP J C0G 0603           | C808,C809   | 2    |
| 171  | #N/A           | 1547667100   | CAP MC CP 16V 1U Z Y5V 0805              | C312  | 1    |
| 172  | #N/A           | 1552458000   | CAP MC CP 25V .1U K X7R 0603             | C251,C258,C261,C264,C266,C314,C315,C316,C318,C324,C334,C335,C401,C402,C405,C407,C408,C409,C410,C411,C412,C413,C415,C416,C417,C418,C420,C421,C424,C426,C427,C429,C601,C612,C803,C805,C811,C812,C813,C814,C815,C816,C827,C833 | 44   |
| 173  | E-D-0403-2139  | 202351080105 | DIO SBD 3A 40V DO-201AD                  | D251  | 1    |
| 174  | #N/A           | 203812510731 | DIO ZEN 0.5W 2.540-2.750V MINI           | D253  | 1    |
| 175  | #N/A           | 203812510736 | DIO ZEN 0.5W 2.540-2.750V LLDS(MINIMELF) | D253  | 1    |
| 176  | E-D-0403-2130  | 203812540831 | DIO ZEN 0.5W 5.45-5.73V MINIMELF         | D602,D604,D605,D616,D807  | 5    |
| 177  | E-D-0403-2053  | 203812540836 | DIO ZEN 0.5W 5.45-5.73V LLDS(MINIMELF)   | D602,D604,D605,D616,D807  | 5    |
| 178  | #N/A           | 203812550631 | DIO ZEN 0.5W 6.66-7.01V MINIMELF         | D802,D803,D804,D805   | 4    |
| 179  | #N/A           | 203812580223 | DIO ZEN 0.5W 8.57-9.01V MINIMELF         | D801  | 1    |
| 180  | #N/A           | 203812580231 | DIO ZEN 0.5W 8.57-9.01V MINIMELF         | D801  | 1    |
| 181  | #N/A           | 203812580236 | DIO ZEN 0.5W 8.57-9.01V LLDS(MINIMELF)   | D801  | 1    |
| 182  | E-D-0403-2049  | 204520700207 | DIO SW 0.215A 75V SOT-23 SE.             | D607,D608,D609,D610,D611,D612,D613,D614,D615  | 9    |
| 183  | #N/A           | 204520700305 | DIO SW 0.2A 70V SOT-23 C.C.              | D601,D603   | 2    |
| 184  | E-D-0403-2046  | 204810750131 | DIO SW 0.15A 75V MINIMELF                | D254,D301,D302,D313,D314,D806   | 6    |
| 185  | #N/A           | 205300530005 | DIO SI 1A 50V DO-41                      | D252  | 1    |
| 186  | E-D-0403-2069  | 205300530023 | DIO SI 1A 50V DO-204AL(DO-41)            | D252  | 1    |
| 187  | E-Q-0402-1087  | 210522000405 | TR 40V 0.2A SOT-23 100-300               | Q303,Q305,Q307,Q308,Q309,Q801,Q803  | 7    |
| 188  | E-Q-0402-1180  | 210522000417 | TR 40V 0.2A SOT-23 100-300               | Q303,Q305,Q307,Q308,Q309,Q801,Q803  | 7    |
| 189  | E-Q-0402-0407  | 210522000717 | TR 40V 1A SOT-23 75                      | Q802  | 1    |
| 190  | #N/A           | 211522000205 | TR -40V -0.2A SOT-23 100-300             | Q301,Q302   | 2    |
| 191  | E-Q-0402-7017  | 211522000217 | TR -40V -0.2A SOT-23 100-300             | Q301,Q302   | 2    |
| 192  | E-Q-0402-1554  | 242522500005 | FET 60V 0.115A 7.5OHM LL SOT-23          | Q304,Q312   | 2    |
| 193  | E-Q-0402-1553  | 242522500017 | FET 60V 0.115A 5OHM LL SOT-23            | Q304,Q312   | 2    |
| 194  | #N/A           | 242601100217 | FET 30V 7.9A 0.022OHM LL SO-8            | IC804,IC805   | 2    |
| 195  | #N/A           | 243601000317 | FET -30V -5.3A 0.05OHM LL SOIC-8         | Q306,Q310   | 2    |
| 196  | E-IC-0401-2940 | 2500082937   | IC LDO REGU 3.3V 5A TO-263               | IC253   | 1    |
| 197  | #N/A           | 2500254080   | IC REGU ADJ 3A 1.22V 21V SO-8P           | IC251   | 1    |
| 198  | #N/A           | 2510337297   | IC 8051 UP WITH ISP PLCC-44P             | IC301   | 1    |
| 199  | E-IC-0401-1927 | 2530085011   | IC 4-CH AUDIO PROCESSOR SO-28P           | IC802   | 1    |
| 200  | E-IC-0401-1928 | 2530100016   | IC 2*6 STEREO CARD RADIO 9P              | IC803   | 1    |
| 201  | #N/A           | 2530222052   | IC SXGA LCD CTL PQFP-128P                | IC401   | 1    |
| 202  | E-IC-0401-2942 | 2610049742   | IC CMOS 2K EEPROM SOIC-8P                | IC601,IC602   | 2    |
| 203  | #N/A           | 2610188212   | IC E2PROM 16K 5V 8PIN                    | IC302   | 1    |
| 204  | #N/A           | 2610188612   | IC EEPROM 16K SOIC-8P                    | IC302   | 1    |
| 205  | E-IC-0401-2937 | 2610527042   | IC EEPROM 16K SO-8P                      | IC302   | 1    |
| 206  | E-IC-0401-2938 | 2610527312   | IC EEPROM 16K(2048*8) SOIC-8P            | IC302   | 1    |
| 207  | E-L-0407-1183  | 2816300400   | CHOKE CD 14.5uH K                        | L252  | 1    |
| 208  | #N/A           | 2816315300   | CHOKE CD 19uH +-10%                      | L251  | 1    |
| 209  | #N/A           | 2921093612   | BEAD CH 100MHZ 120 OHM 0.2A 0603         | FB301   | 1    |

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| Item | ViewSonic P/N | Ref. P/N     | Description                            | Location  | Q'ty |
|------|---------------|--------------|--|---|------|
| 210  | #N/A          | 2921093612   | BEAD CH 100MHZ 120 OHM 0.2A 0603       | FB302,FB303,FB304,FB305,FB306,FB307,FB308,FB309,FB310,FB251,FB252,FB254,FB311,FB312,FB313,FB314,FB316,FB401,FB402,FB403,FB404,FB405,FB406,FB801,FB802,FB803,FB804,FB806 | 28   |
| 211  | E-R-0405-2330 | 13153000     | RES CF 1/4W 15K J                      | R06   | 1    |
| 212  | E-R-0405-5916 | 23221000     | RES CF 1/2W 220 J                      | R118  | 1    |
| 213  | #N/A          | 311434000    | RES CH 1/4W 140K F 1206                | R08   | 1    |
| 214  | #N/A          | 313000000    | RES CH 1/4W ZERO J 1206                | J1,J11,J12,J16,J2,J20,J24,J3,J4,R32,R33,R34   | 12   |
| 215  | #N/A          | 313104000    | RES CH 1/4W 100K J 1206                | R24   | 1    |
| 216  | #N/A          | 313154000    | RES CH 1/4W 150K J 1206                | R02   | 1    |
| 217  | #N/A          | 313331000    | RES CH 1/4W 330 J 1206                 | R46   | 1    |
| 218  | #N/A          | 313333000    | RES CH 1/4W 33K J 1206                 | R09   | 1    |
| 219  | #N/A          | 341069100    | RES CH 1/8W 27K F 0805                 | R13   | 1    |
| 220  | #N/A          | 341243100    | RES CH 1/8W 402 F 0805                 | R39,R43   | 2    |
| 221  | #N/A          | 343000100    | RES CH 1/8W ZERO J 0805                | R35   | 1    |
| 222  | #N/A          | 343102100    | RES CH 1/8W 1K J 0805                  | R38,R42   | 2    |
| 223  | E-R-0405-6685 | 343103100    | RES CH 1/8W 10K J 0805                 | R04,R07,R31,R47   | 4    |
| 224  | E-R-0405-6686 | 343105100    | RES CH 1/8W 1M J 0805                  | R12,R25,R26   | 3    |
| 225  | #N/A          | 343332100    | RES CH 1/8W 3.3K J 0805                | R37,R41   | 2    |
| 226  | #N/A          | 343333100    | RES CH 1/8W 33K J 0805                 | R17,R18,R44   | 3    |
| 227  | #N/A          | 343431100    | RES CH 1/8W 430 J 0805                 | R22,R30   | 2    |
| 228  | E-R-0405-6689 | 343432100    | RES CH 1/8W 4.3K J 0805                | R03   | 1    |
| 229  | #N/A          | 343512100    | RES CH 1/8W 5.1K J 0805                | R05,R14,R15,R16   | 4    |
| 230  | #N/A          | 343563100    | RES CH 1/8W 56K J 0805                 | R10   | 1    |
| 231  | #N/A          | 343623100    | RES CH 1/8W 62K J 0805                 | R01   | 1    |
| 232  | #N/A          | 653305002    | RES HI-VOL 1/2W 3M J                   | R36,R40   | 2    |
| 233  | #N/A          | 653305022    | RES HI-VOL 1/2W 3M J                   | R36,R40   | 2    |
| 234  | #N/A          | 841110802    | FUSE F/P 5A 125V UL CSA                | F01   | 1    |
| 235  | #N/A          | 1160410332   | CAP CD 3KV 15P J SL KI7.5              | C27,C30   | 2    |
| 236  | #N/A          | 1165104012   | CAP CD 3KV 5P D SL P7.5                | C34,C35   | 2    |
| 237  | #N/A          | 144144711403 | CAP AL 25V 470U M 10*16 TP5            | C02,C03   | 2    |
| 238  | #N/A          | 1512452100   | CAP MC CP 50V 6.8KP K X7R 0805         | C29   | 1    |
| 239  | #N/A          | 1512453100   | CAP MC CP 50V 8.2KP K X7R 0805         | C25,C33   | 2    |
| 240  | E-C-0404-4496 | 1512454100   | CAP MC CP 50V .01U K X7R 0805          | C10   | 1    |
| 241  | #N/A          | 1512458100   | CAP MC CP 50V .1U K X7R 0805           | C09,C13,C15,C16,C17,C18,C19,C20,C36,C37   | 10   |
| 242  | #N/A          | 1512479100   | CAP MC CP 50V 1.5KP K X7R 0805         | C11   | 1    |
| 243  | #N/A          | 1518542100   | CAP MC CP 50V 470P F C0G 0805          | C14   | 1    |
| 244  | #N/A          | 1542467100   | CAP MC CP 16V 1U K X7R 0805            | C05,C06,C08   | 3    |
| 245  | #N/A          | 1542473100   | CAP MC CP 16V .33U K X7R 0805          | C07   | 1    |
| 246  | #N/A          | 1552487200   | CAP MC CP 25V 2.2U K X7R 1206          | C21,C22,C23,C24   | 4    |
| 247  | #N/A          | 15A7689100   | CAP MC CP 10V 4.7U Z Y5V 0805          | C217,C26  | 2    |
| 248  | E-D-0403-2053 | 203812540836 | DIO ZEN 0.5W 5.45-5.73V LLDS(MINIMELF) | D01,D02,D03,D04,D05   | 4    |
| 249  | #N/A          | 203812580223 | DIO ZEN 0.5W 8.57-9.01V MINIMELF       | D11   | 1    |
| 250  | #N/A          | 203812580231 | DIO ZEN 0.5W 8.57-9.01V MINIMELF       | D11   | 1    |
| 251  | #N/A          | 203812580236 | DIO ZEN 0.5W 8.57-9.01V LLDS(MINIMELF) | D11   | 1    |
| 252  | E-D-0403-2049 | 204520700207 | DIO SW 0.215A 75V SOT-23 SE.           | D06,D09,D10,D13,D15,D16,D17,D18   | 8    |
| 253  | E-D-0403-2050 | 204520700217 | DIO SW 0.2A 70V SOT-23 SE.             | D06,D09,D10,D13,D15,D16,D17,D18   | 8    |
| 254  | #N/A          | 204810750107 | DIO SW 0.2A 75V SOD80C(MINIMELF)       | D07,D08,D19   | 3    |
| 255  | E-D-0403-2136 | 204810750123 | DIO SW 0.15A 75V MINIMELF              | D07,D08,D19   | 3    |
| 256  | E-D-0403-2046 | 204810750131 | DIO SW 0.15A 75V MINIMELF              | D07,D08,D19   | 3    |
| 257  | E-D-0403-2047 | 204810750136 | DIO SW 0.15A 75V MINIMELF              | D07,D08,D19   | 1    |
| 258  | E-Q-0402-0906 | 210102500011 | TR 50V 0.5A TO-92 100-200              | Q01   | 1    |
| 259  | E-Q-0402-7019 | 210522000505 | TR 40V 0.6A SOT-23 80                  | Q06,Q07   | 2    |
| 260  | E-Q-0402-7020 | 210522000517 | TR 40V 1.0A SOT-23 80                  | Q06,Q07   | 2    |
| 261  | E-Q-0402-7018 | 211522000405 | TR -40V -0.6A SOT-23 100               | Q02   | 1    |
| 262  | E-Q-0402-1554 | 242522500005 | FET 60V 0.115A 7.5OHM LL SOT-23        | Q03,Q04,Q05   | 3    |

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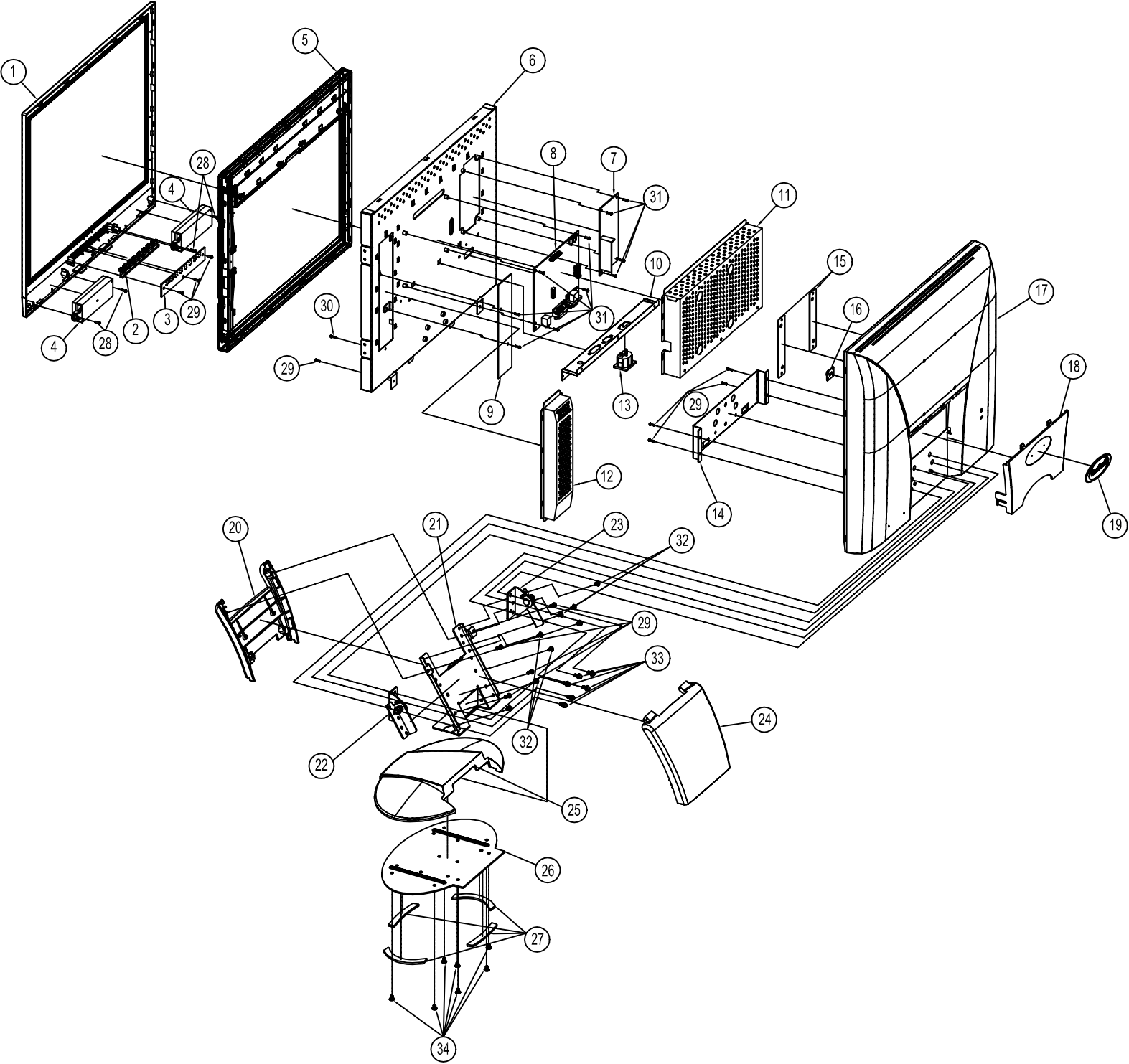
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|------|----------------|--------------|--|------------------------|------|
| 263  | E-Q-0402-1553  | 242522500017 | FET 60V 0.115A 50HM LL SOT-23            | Q03,Q04,Q05            | 3    |
| 264  | #N/A           | 242601000217 | FET 30V 7A 0.0280HM LL SO-8 N+P          | IC02,IC03,IC04,IC05    | 4    |
| 265  | #N/A           | 2510301254   | IC PWM CCFL INVERTER CONTROLLER SOP-20P  | IC01                   | 1    |
| 266  | #N/A           | 2811980980   | X'FMR IT 1.2H K                          | T01,T02                | 2    |
| 267  | #N/A           | 3070335534   | HEADER NY66 94V0 7P P2.0 BROWN           | CN01                   | 1    |
| 268  | E-R-0405-5763  | 23100000     | RES CF 1/2W 10 J                         | R112                   | 1    |
| 269  | #N/A           | 133104000    | RES MOF 1W 100K J                        | R101                   | 1    |
| 270  | #N/A           | 143399000    | RES MOF 2W .39 J                         | R103                   | 1    |
| 271  | E-R-0405-6645  | 190204200    | RES FUSING MF 1/2W .1 J                  | R108                   | 1    |
| 272  | #N/A           | 313000000    | RES CH 1/4W ZERO J 1206                  | J2,R109,R116,R219,R115 | 5    |
| 273  | #N/A           | 313101000    | RES CH 1/4W 100 J 1206                   | R201,R202              | 1    |
| 274  | #N/A           | 313125000    | RES CH 1/4W 1.2M J 1206                  | R111,R113              | 1    |
| 275  | #N/A           | 313471000    | RES CH 1/4W 470 J 1206                   | R205                   | 1    |
| 276  | #N/A           | 313514000    | RES CH 1/4W 510K J 1206                  | R104,R105,R106,R107    | 4    |
| 277  | #N/A           | 341109100    | RES CH 1/8W 1.96K F 0805                 | R215                   | 1    |
| 278  | #N/A           | 341185100    | RES CH 1/8W 7.5K F 0805                  | R209                   | 1    |
| 279  | #N/A           | 343303100    | RES CH 1/8W 30K J 0805                   | R114                   | 1    |
| 280  | #N/A           | 855340721    | FUSE TSC 4A 250V UL VDE 11*4 PIG         | F101                   | 1    |
| 281  | #N/A           | 910500311    | NTC R=5 OHM L 4A                         | NTC101                 | 1    |
| 282  | #N/A           | 910500316    | NTC R=5 OHM L 4A                         | NTC101                 | 1    |
| 283  | #N/A           | 923610045    | VARISTOR 360V 47J 2500A                  | VA102                  | 1    |
| 284  | #N/A           | 1101030027   | CAP Y CD 250VAC 100P K B I               | CY101,CY102            | 2    |
| 285  | #N/A           | 1101030032   | CAP Y CD 250VAC 100P K B I               | CY101,CY102            | 2    |
| 286  | #N/A           | 1101346000   | CAP Y CD 250VAC 2.2KP M E II             | CY103                  | 1    |
| 287  | #N/A           | 140121021303 | CAP AL LD 16V 1KU M 12.5*15              | C209,C210              | 2    |
| 288  | #N/A           | 140121021348 | CAP AL LD 16V 1KU M 12.5*16              | C209,C210              | 2    |
| 289  | E-C-0404-3851  | 144164781400 | CAP AL 50V 4.7U M 5*11 TP5               | C105                   | 1    |
| 290  | #N/A           | 145401010208 | CAP AL 400V 100U M 18*30                 | C101                   | 1    |
| 291  | #N/A           | 145401010433 | CAP AL 400V 100U M 18*25                 | C101                   | 1    |
| 292  | E-C-0404-4497  | 1517658100   | CAP MC CP 50V .1U Z Y5V 0805             | C106,C214,C217         | 3    |
| 293  | #N/A           | 1532445100   | CAP MC CP 200V 1KP K X7R 0805            | C212                   | 1    |
| 294  | E-C-0404-4920  | 1604314224   | CAP X MP PC 275VAC .33U K P15            | CX101                  | 1    |
| 295  | E-C-0404-4685  | 1604314237   | CAP X MP PC 275VAC .33U M P15            | CX101                  | 1    |
| 296  | #N/A           | 200101110023 | DIO BRD 2A 600V KBPM                     | CR101                  | 1    |
| 297  | E-D-0403-2025  | 201330630007 | DIO FRD 1A 1000V SOD57 75nS              | D102                   | 1    |
| 298  | #N/A           | 202003660005 | DIO SBD 20A 100V TO-220 C.C.             | D201                   | 1    |
| 299  | #N/A           | 202003660108 | DIO SBD 20A 100V TO-220AB C.C.           | D201                   | 1    |
| 300  | #N/A           | 202003660123 | DIO SBD 20A 100V TO-220AB C.C.           | D201                   | 1    |
| 301  | #N/A           | 203349610231 | DIO TVS 1.5KW 143-158V DO-201AE          | D101                   | 1    |
| 302  | #N/A           | 203812760036 | DIO ZEN 0.5W 24.97-26.26V LLDS(MINIMELF) | D104                   | 1    |
| 303  | E-D-0403-1937  | 204322000207 | DIO SW 0.25A 200V SOD-27(DO-35)          | D103                   | 1    |
| 304  | #N/A           | 2310040207   | PHOTO 70V 4PIN 160-320% 10.16mm          | IC102                  | 1    |
| 305  | #N/A           | 2310040208   | PHOTO 55V 4PIN 150-300% 10.16            | IC102                  | 1    |
| 306  | E-IC-0401-2340 | 2310040209   | PHOTO 70V 4PIN 160-320% 10.16mm          | IC102                  | 1    |
| 307  | #N/A           | 2310089008   | PHOTO 80V 4PIN 150-300% 10.16mm          | IC102                  | 1    |
| 308  | #N/A           | 242017800008 | FET 700V 6A 1.38ohm TO-220FP             | Q101                   | 1    |
| 309  | #N/A           | 2500004210   | IC VOL ADJ 37V 2.5V 1% T92               | IC201                  | 1    |
| 310  | #N/A           | 2500004213   | IC VOL ADJ 37V 2.5V 1% T92               | IC201                  | 1    |
| 311  | #N/A           | 2500004214   | IC VOL ADJ 37V 2.5V 1% T92               | IC201                  | 1    |
| 312  | #N/A           | 251039702B   | IC PWM GREEN MODE SO-8PIN                | IC101                  | 1    |
| 313  | #N/A           | 2811100080   | X'FMR SMT 480uH J                        | T101                   | 1    |
| 314  | #N/A           | 2817131480   | CHOKE CR 600uH MIN 4P                    | FL101                  | 1    |
| 315  | #N/A           | 2817219380   | LF 4mH MIN                               | FL102                  | 1    |
| 316  | #N/A           | 3411000500   | JUMP WIRE COPPER 0.6*12.5*4.0            | J1                     | 1    |
| 317  | M-MS-0808-8179 | 2301462531   | LED HI-RED/GRN 3*4*2 C.C.                | D901                   | 1    |
| 318  | #N/A           | 3070337934   | HEADER NY66 94V0 11P P2.0 R BROWN        | CN301                  | 1    |
| 319  | #N/A           | 3071297034   | HEADER NYLON66 94V-0 4P P2.0             | CN251                  | 1    |
| 320  | #N/A           | 3071312334   | HEADER NY66 94V0 4P P2.5                 | CN804                  | 1    |
| 321  | #N/A           | 3072231000   | CONN PHONE JACK OD3.5 7P R/A GREEN       | CN802                  | 1    |



**VG910s BOM LIST**

| Item | ViewSonic P/N  | Ref. P/N   | Description                           | Location                                | Q'ty |
|------|----------------|------------|---------------------------------------|---|------|
| 322  | #N/A           | 3075308757 | CONN D-SUB 15P R/A PC99 W/O SCREW     | CN602                                   | 1    |
| 323  | #N/A           | 3075316467 | CONN DVI-I 24P P1.905 R               | CN601                                   | 1    |
| 324  | #N/A           | 3075353143 | CONN D-SUB FEMALE 15P P2.29 BLUE      | CN602                                   | 1    |
| 325  | #N/A           | 3075415766 | CONN FFC/FPC BOTTOM 30P P1.0 SMT      | CN401                                   | 1    |
| 326  | #N/A           | 3076290066 | HEADER BOX NY46 94V0 2P P3.5          | CN05,CN04,CN03,CN02                     | 4    |
| 327  | M-WR-0828-0224 | 3411000300 | JUMP WIRE COPPER 0.6*7.5*4.0          | J8,J13,J17,J18,J22,J23                  | 6    |
| 328  | M-WR-0828-0249 | 3411000400 | JUMP WIRE COPPER 0.6*10.0*4.0         | J10,J15                                 | 2    |
| 329  | M-WR-0828-0388 | 3411000600 | JUMP WIRE COPPER 0.6*15.0*4.0         | J14,J9                                  | 2    |
| 330  | M-WR-0828-0389 | 3411000700 | JUMP WIRE COPPER 0.6*17.5*4.0         | J5,J6,J7,J19,J2                         | 5    |
| 331  | #N/A           | 3000093900 | SWITCH TACTILE DPST                   | S901,S902,S903,S904,S905,S906,S907,S908 | 8    |
| 332  | #N/A           | 3071297834 | HEADER NYLON66 94V-0 12P P2.0         | CN901                                   | 1    |
| 333  | M-WR-0828-0224 | 3411000300 | JUMP WIRE COPPER 0.6*7.5*4.0          | J1~J8                                   | 8    |
| 334  | #N/A           | 3470500600 | LED HOLDER NY66 94V-2 OD=8*4          | D901                                    | 1    |
| 335  | #N/A           | 3642321800 | WIRE WITH TERMINAL 1015 #18 BLK L155  | CND901,902(ESD SOLUTION)                | 2    |
| 336  | #N/A           | 3341732501 | HSK PLATE AL110F 46.5*21 T1.5         | HS201                                   | 1    |
| 337  | #N/A           | 3341732602 | HSK PLATE AL1100F PICKLING 64*41.3*21 | HS102                                   | 1    |
| 338  | M-MS-0808-9140 | 3070168334 | HEADER NYLON66 94V-0 3P P3.96         | CN101                                   | 1    |
| 339  | M-WR-0828-6622 | 3670479500 | WIRE WITH HOUSING 1007 #24 L120 4P    | CN201                                   | 1    |
| 340  | M-MS-0808-7754 | 3343705302 | HSK AL T=1.5 21*9                     | IC803                                   | 1    |

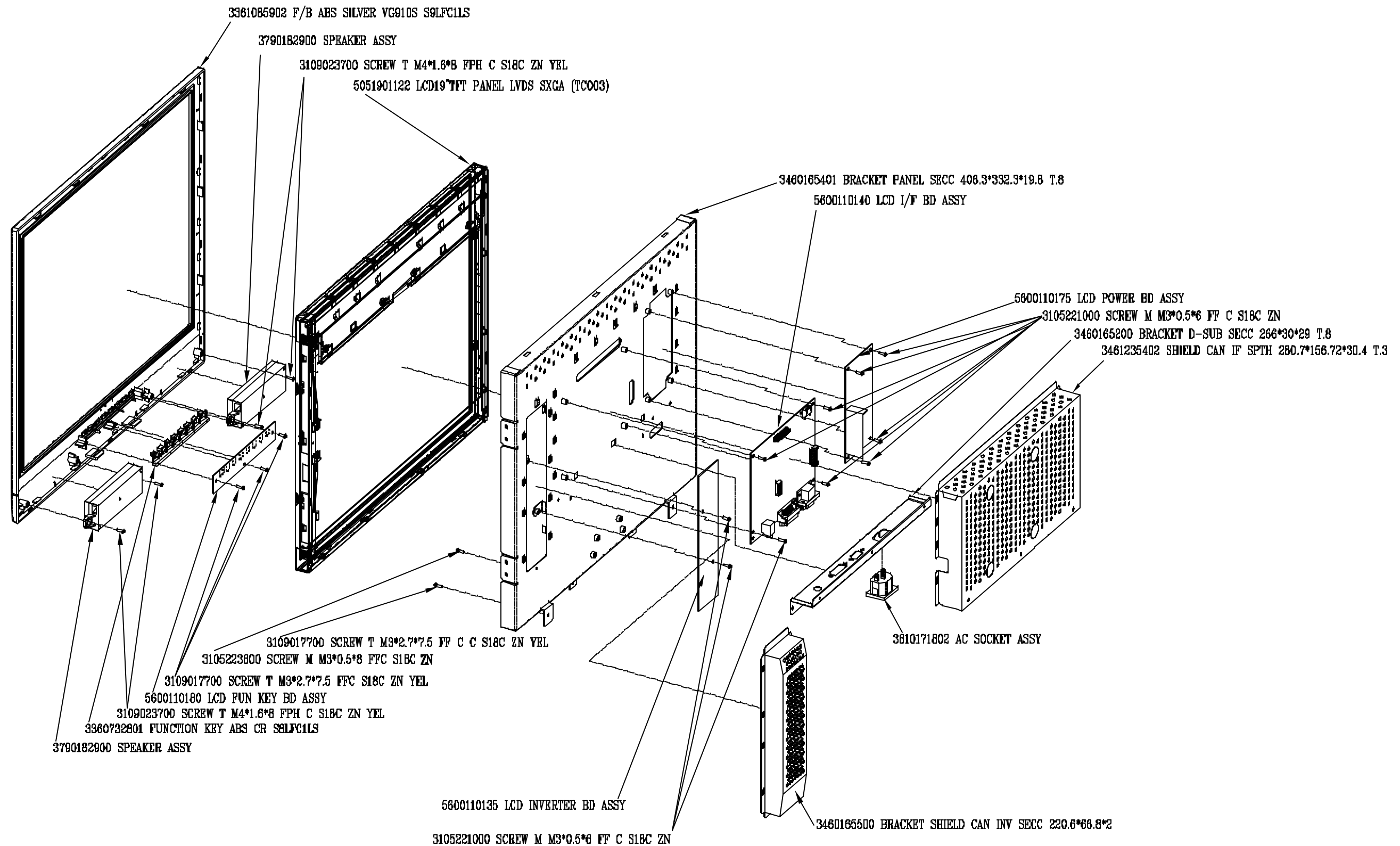
8. Exploded Diagram And Spare Parts List



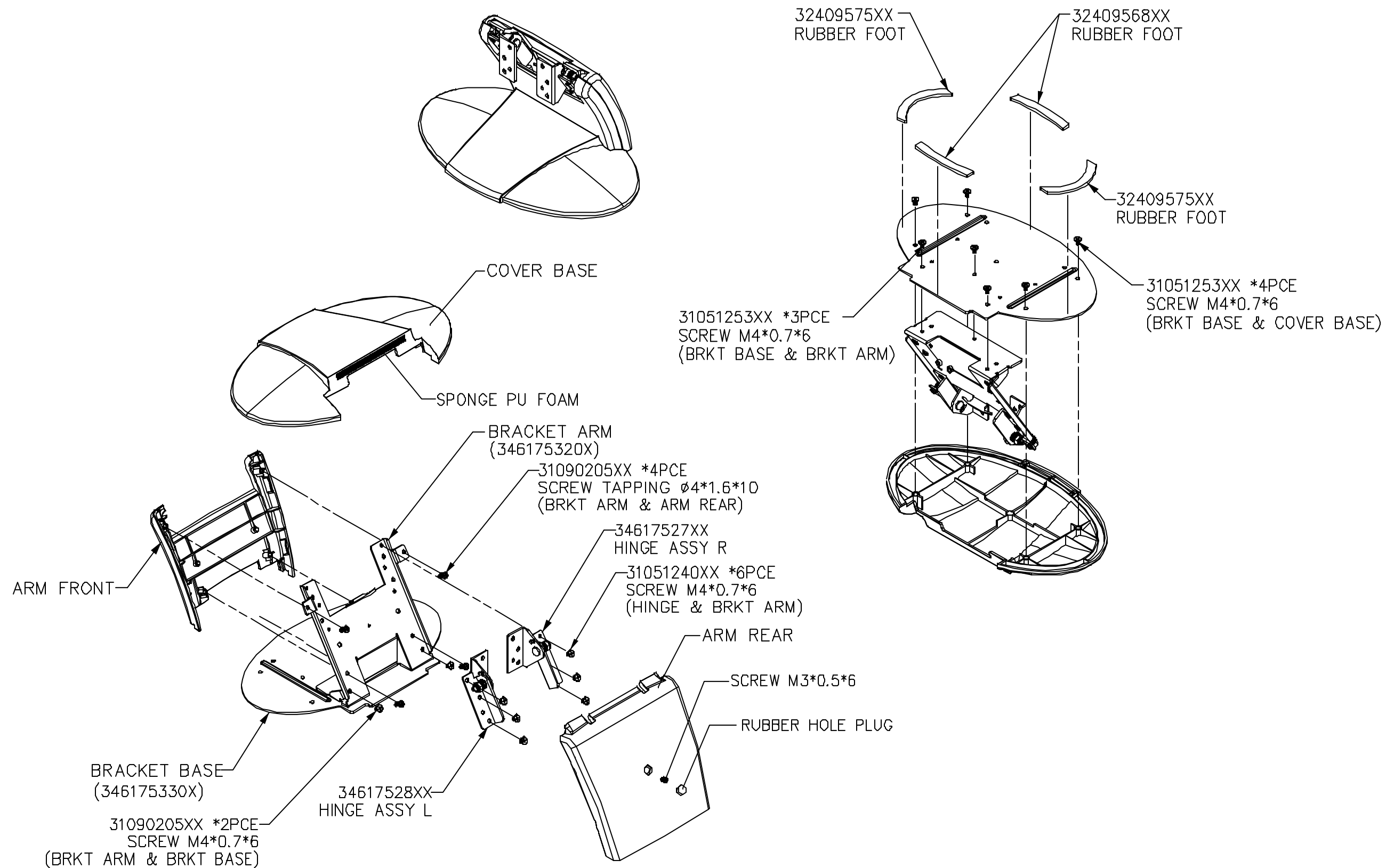
Exploded Parts List

| Item | ViewSonic P/N   | Ref. P/N   | Description                              | Q'TY |
|------|-----------------|------------|--|------|
| 1    | C-FP-0301-0962  | 3361085902 | F/B ABS SILVER VG910S S9LFC1LS           | 1    |
| 2    | PL-FK-0709-0150 | 3360732801 | FUNCTION KEY ABS CR S8LFC1LS             | 1    |
| 3    | B-KB-0207-0046  | 5600110180 | LCD FUN KEY BD ASSY L19BMR 05AAB         | 1    |
| 4    | E-SK-0412-0086  | 3790182900 | SPEAKER ASSY L18FMR05AAB                 | 2    |
| 5    | M-LCD-0826-0208 | 5051901122 | LCD 19" TFT PANEL LVDS SXGA (TC003)      | 1    |
| 6    | M-BK-0805-0050  | 3460165401 | BRACKET PANEL SECC 406.3*332.3*19.8 T.8  | 1    |
| 7    | B-PS-0204-0059  | 5600110175 | LCD POWER BD ASSY L19BMR 05AAB           | 1    |
| 8    | B-IF-0222-0057  | 5600110140 | LCD I/F BD ASSY L19BMR 05BAB             | 1    |
| 9    | B-SB-0221-0606  | 5600110135 | LCD INVERTER BD ASSY L19BMR 05BAB        | 1    |
| 10   | M-BK-0805-0048  | 3460165200 | BRACKET D-SUB SECC 266*30*29 T.8         | 1    |
| 11   | M-MS-0808-9145  | 3461235402 | SHIELD CAN IF SPTH 280.7*156.72*30.4 T.3 | 1    |
| 12   | M-MS-0808-9144  | 3460165500 | BRACKET SHIELD CAN INV SECC 220.6*66.8*2 | 1    |
| 13   | M-MS-0808-9135  | 3610171802 | AC SOCKET ASSY VG810S                    | 1    |
| 14   | M-BK-0805-0049  | 3460165300 | BRACKET HINGE SECC 228*60*16 T.8         | 1    |
| 15   | M-MS-0808-8561  | 3460146100 | BRACKET VESA SECC 110*20 T1              | 2    |
| 16   | M-MS-0808-8563  | 3460146300 | BRACKET KEYLOCK SECC 20.4*16.45*4.9 T.6  | 1    |
| 17   | C-BC-0302-0568  | 3360248900 | CABINET BACK ABS 41 S9LRC1LS             | 1    |
| 18   | C-BC-0302-0581  | 3360249101 | R/C ABS 41 VG910S S9LRC1LS               | 1    |
| 19   | M-MS-0808-7739  | 3200648800 | NAME PLATE ABS 94HB VIEWSONIC 82.83*34.9 | 1    |
| 20   | M-CV-0830-2381  | 3360916300 | ARM FRONT ABS 41 VX700-2                 | 1    |
| 21   | M-BK-0805-0043  | 3461753201 | BRACKET ARM SECC 156*126.1*153.6 T2      | 1    |
| 22   | M-MS-0808-9131  | 3461752800 | HINGE-L SUS304 62*20 T2                  | 1    |
| 23   | M-MS-0808-9130  | 3461752700 | HINGE-R SUS304 62*20 T2                  | 1    |
| 24   | M-CV-0830-2509  | 3360919201 | ARM COVER REAR ABS 41 S8LBA2LS           | 1    |
| 25   | M-CV-0830-2394  | 3361205900 | COVER BASE ABS 41 VG800-2                | 1    |
| 26   | M-BK-0805-0044  | 3461753301 | BRACKET BASE SECC 266.6*161.4 T2         | 1    |
| 27   | PL-PD-0714-0068 | 3240957500 | RUBBER FOOT 75*10 T3                     | 2    |
| 28   | M-SCW-0824-6795 | 3109023700 | SCREW T M4*1.6*8 FPH C S18C ZN YEL       | 4    |
| 29   | M-SCW-0824-0779 | 3109017700 | SCREW T M3*2.7*7.5 FF C S18C ZN YEL      | 4    |
| 30   | M-SCW-0824-6796 | 3105223600 | SCREW M M3*0.5*8 FF C S18C ZN            | 4    |
| 31   | M-SCW-0824-0776 | 3105221000 | SCREW M M3*0.5*6 FF C S18C ZN            | 2    |
| 32   | M-SCW-0824-0620 | 3109020500 | SCREW T f 4*1.6*10 PAN C S18C ZN YEL     | 4    |
| 33   | M-SCW-0814-0691 | 3105120100 | SCREW M M4*0.7*12 PAN C S+P S10C ZN YEL  | 6    |
| 34   | M-SCW-0824-6793 | 3105125300 | SCREW M M4*0.7*6 FF C S18C ZN BLK NYLCOK | 7    |

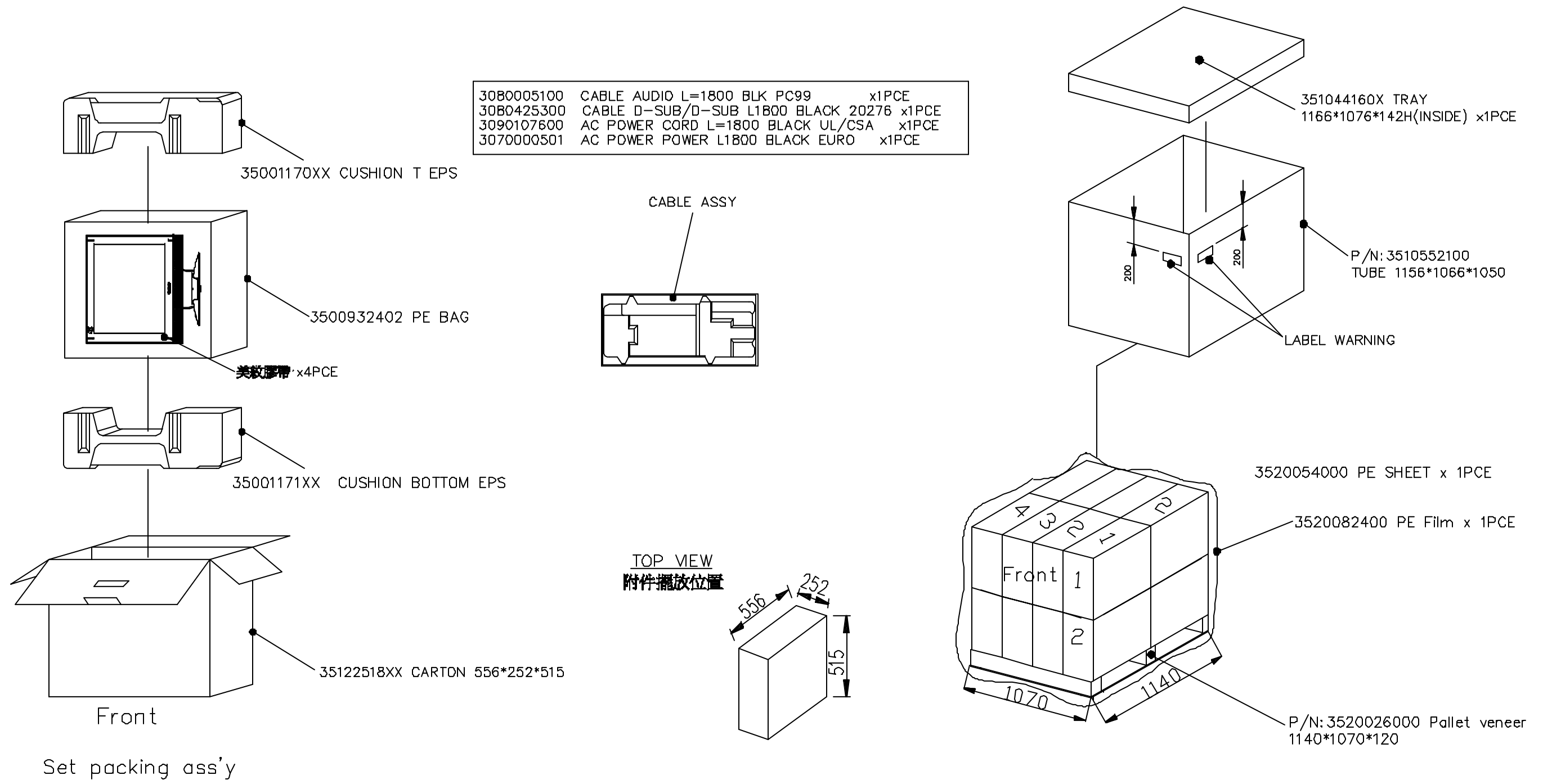
# Mechanical Front bezel Assembly



# Mechanical Stand Base Assembly

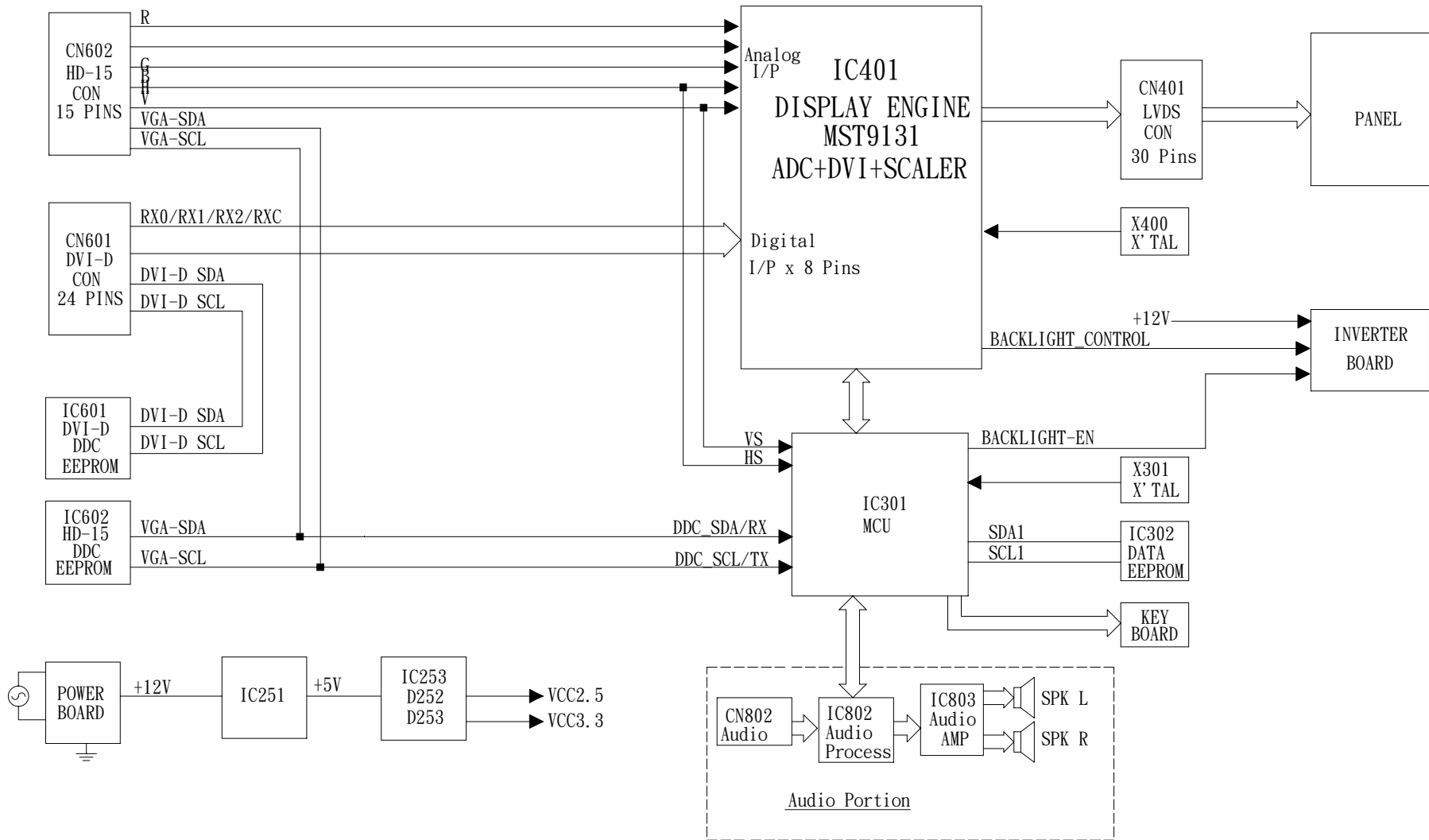


# Packing Assembly

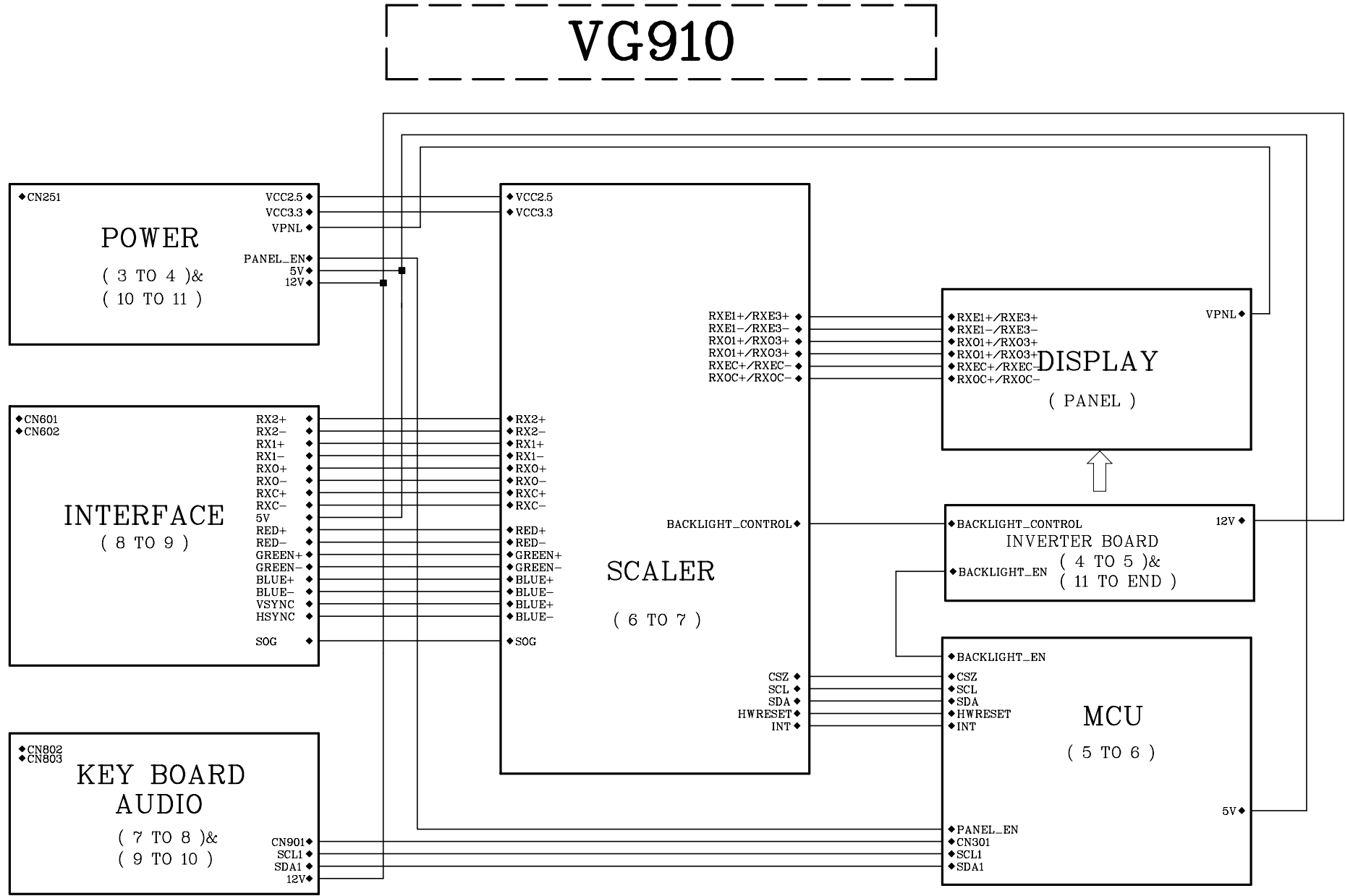


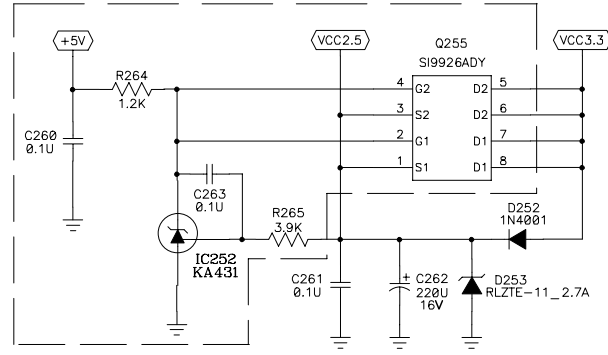
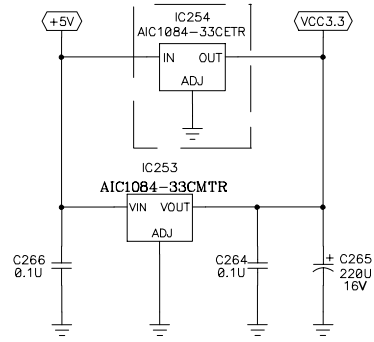
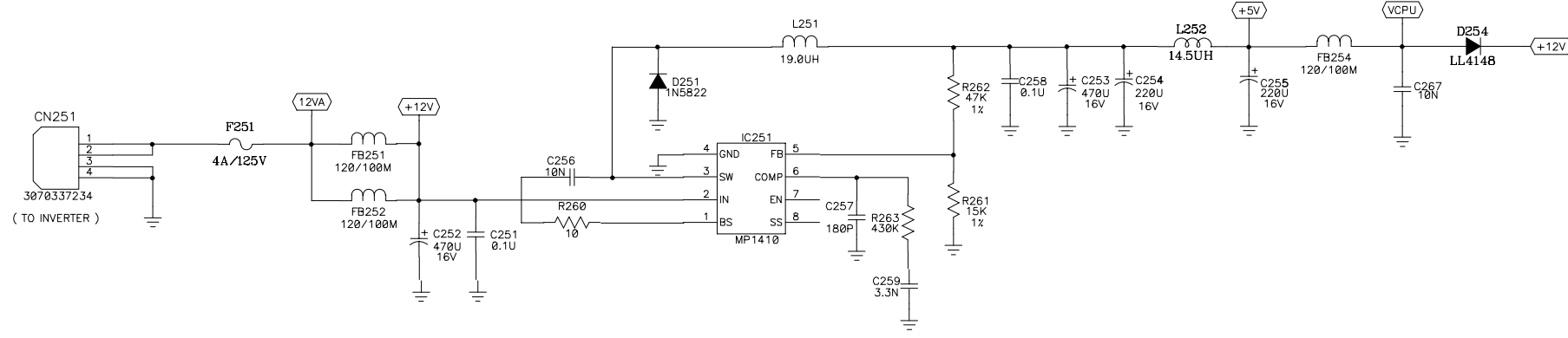
(Air Shipping) One Pallet could put 2\*4\*2=16 carton

# VG910 LCD MONITOR BLOCK DIAGRAM

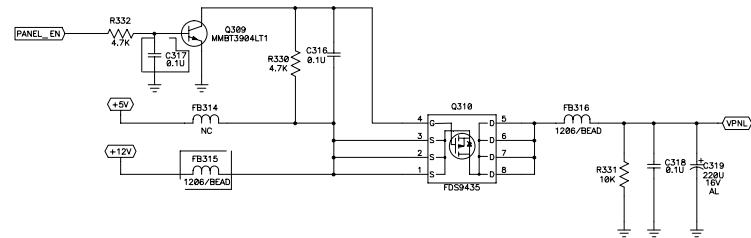
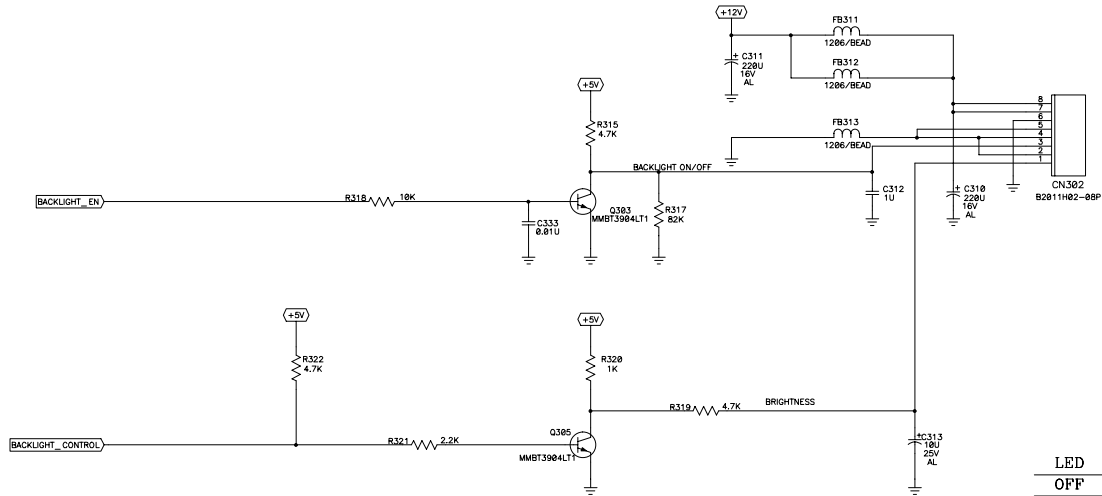
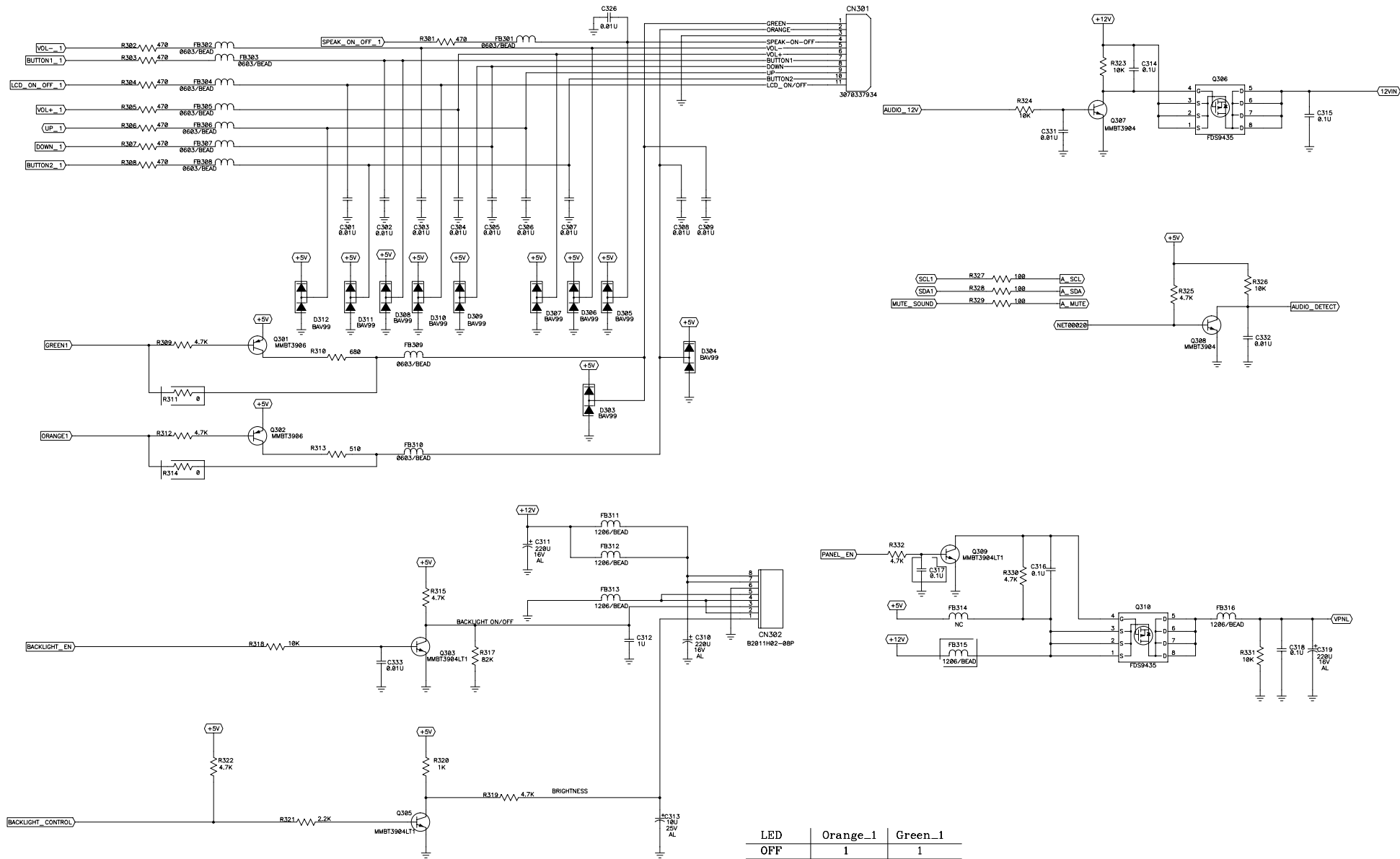


# 10. Schematic Diagrams



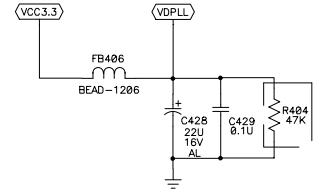
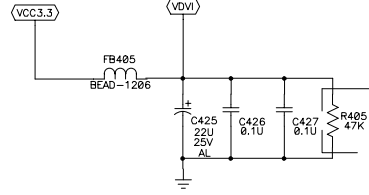
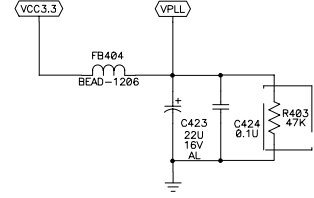
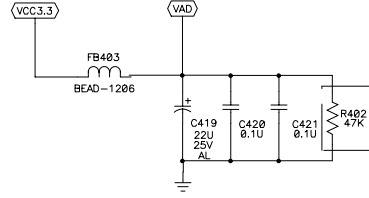
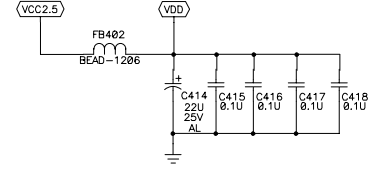
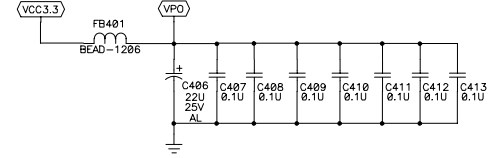
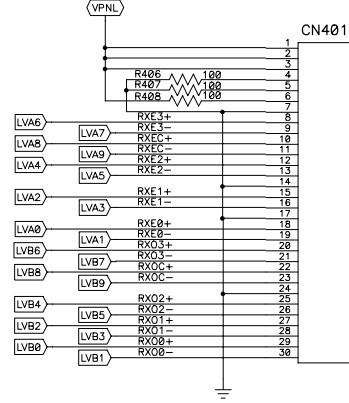
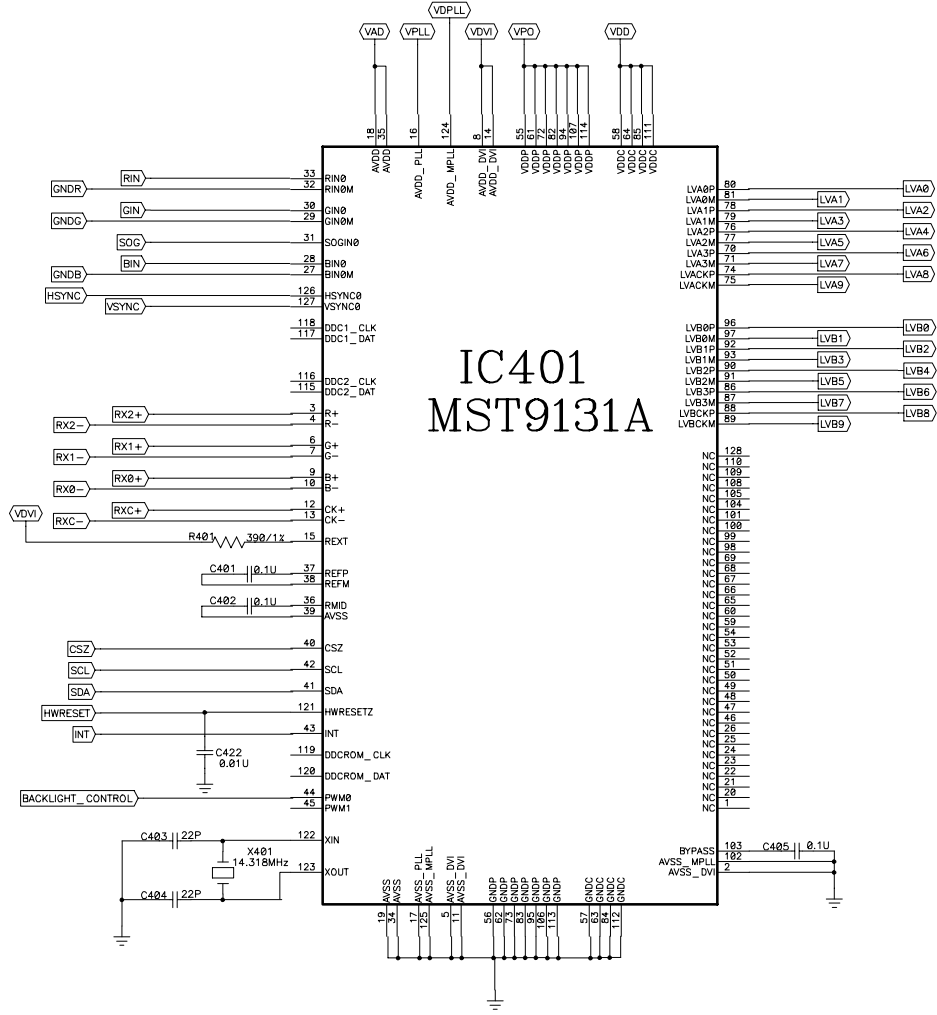




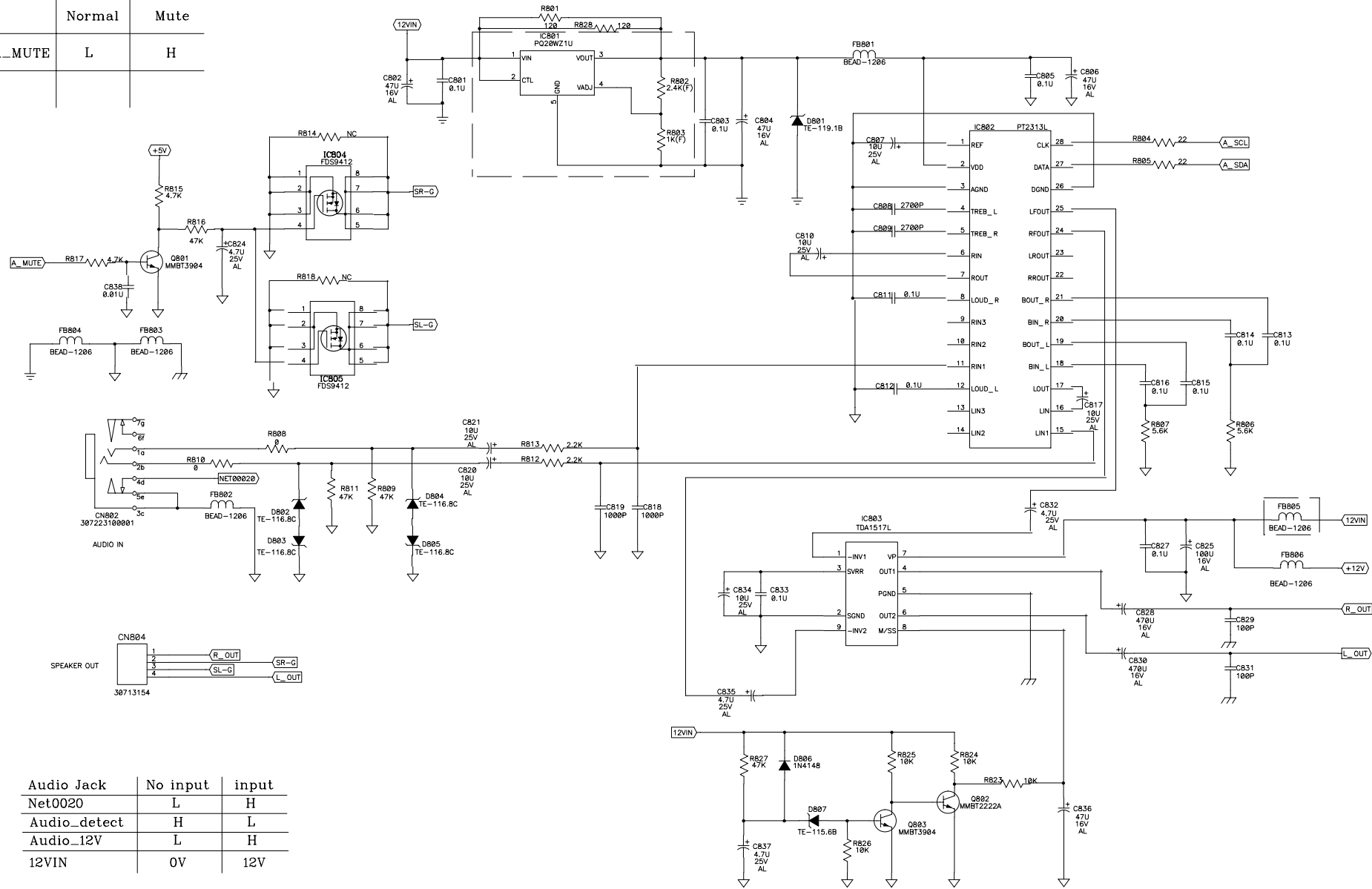


| LED   | Orange_1 | Green_1 |
|-------|----------|---------|
| OFF   | 1        | 1       |
| Green | 1        | 0       |
| Amber | 0        | 0       |

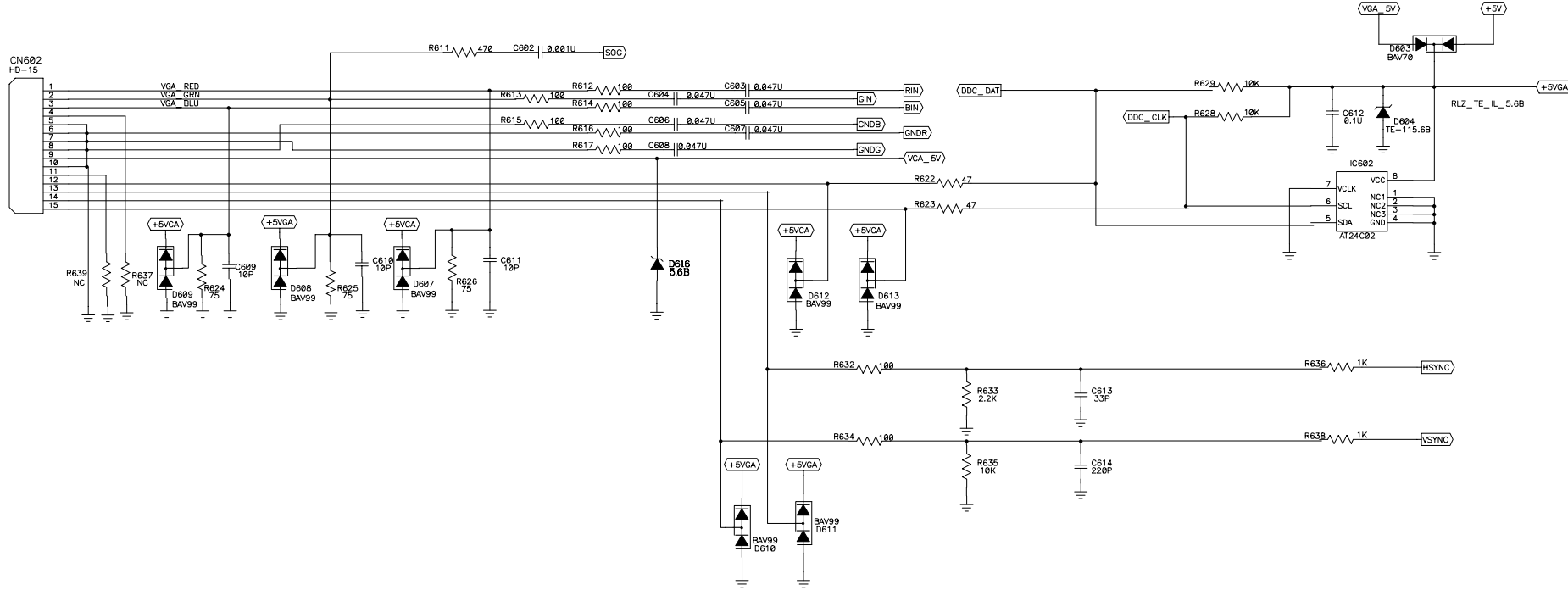
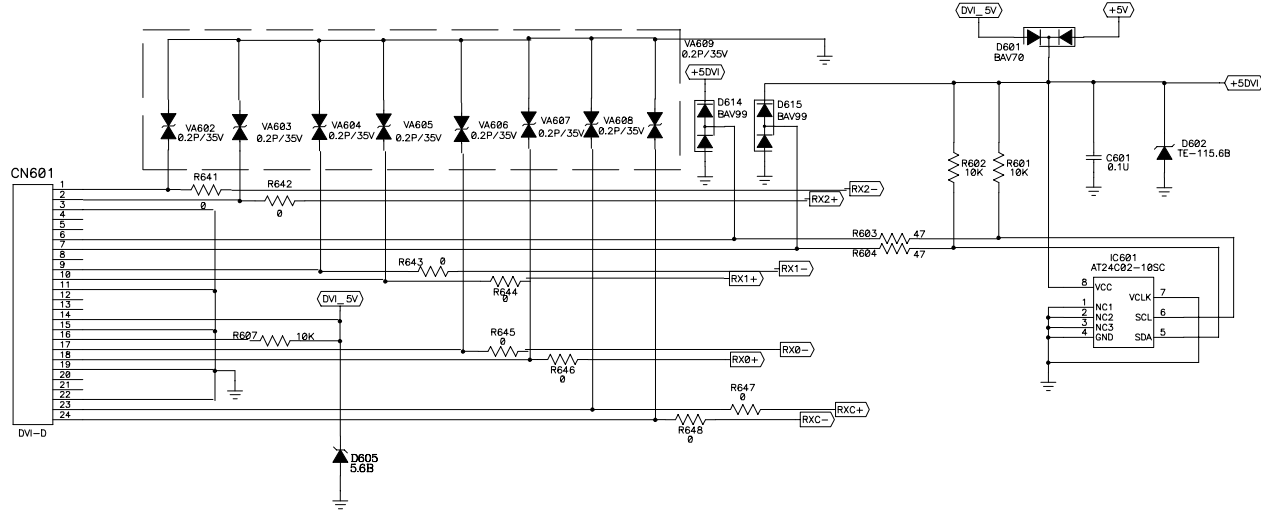


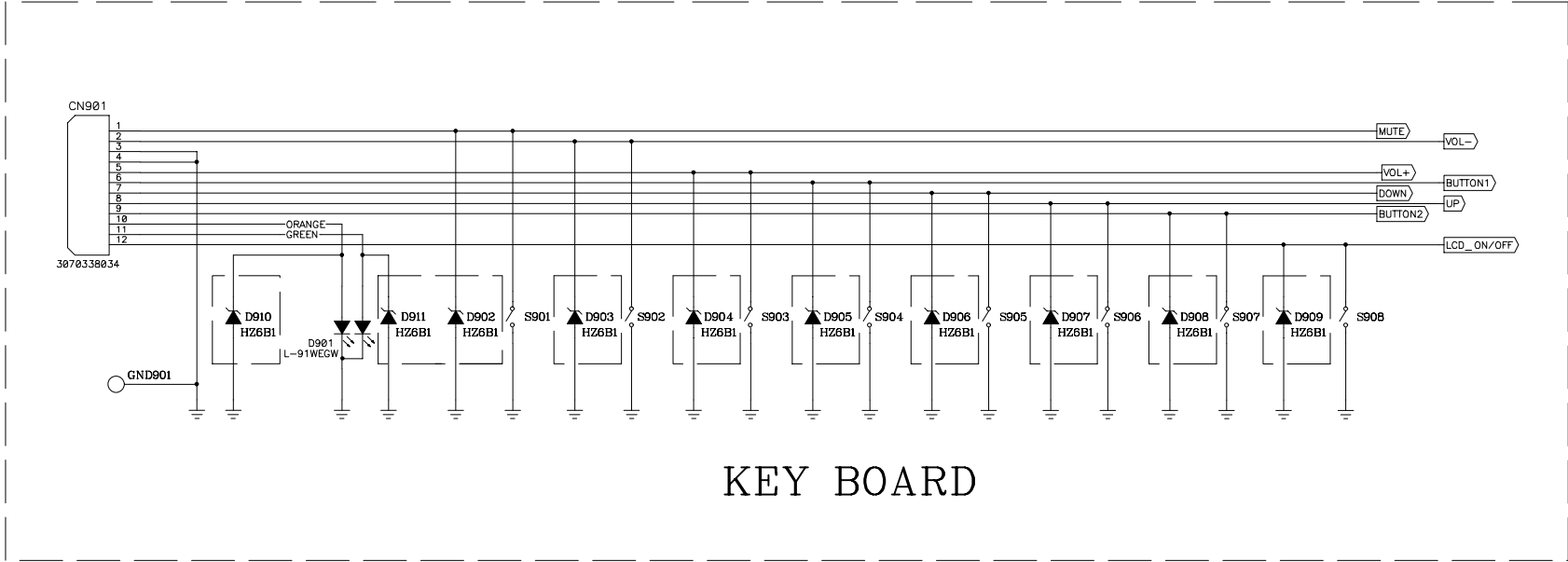


|        |        |      |
|--------|--------|------|
|        | Normal | Mute |
| A_MUTE | L      | H    |

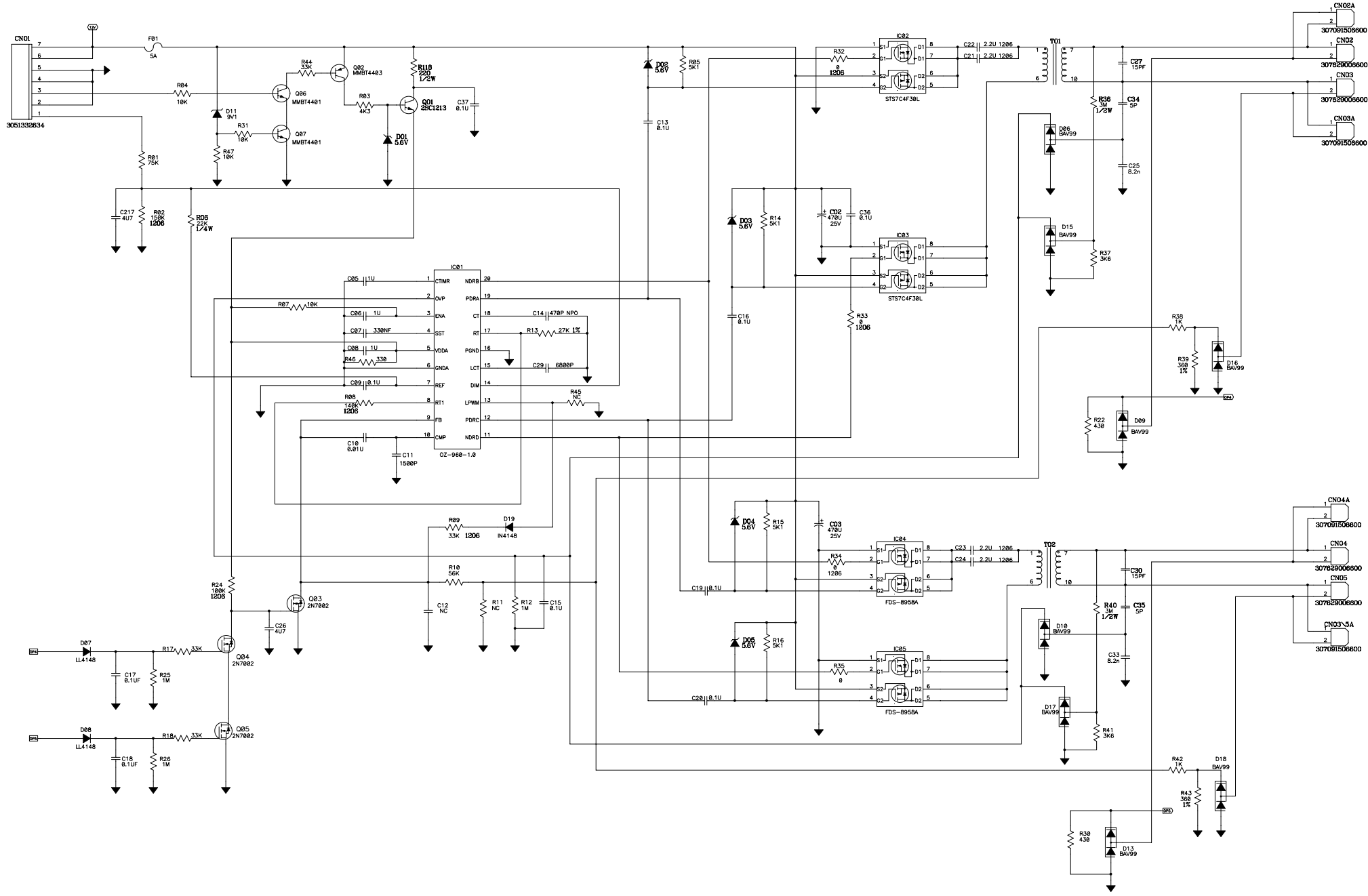


| Audio Jack   | No input | input |
|--------------|----------|-------|
| Net0020      | L        | H     |
| Audio_detect | H        | L     |
| Audio_12V    | L        | H     |
| 12VIN        | 0V       | 12V   |





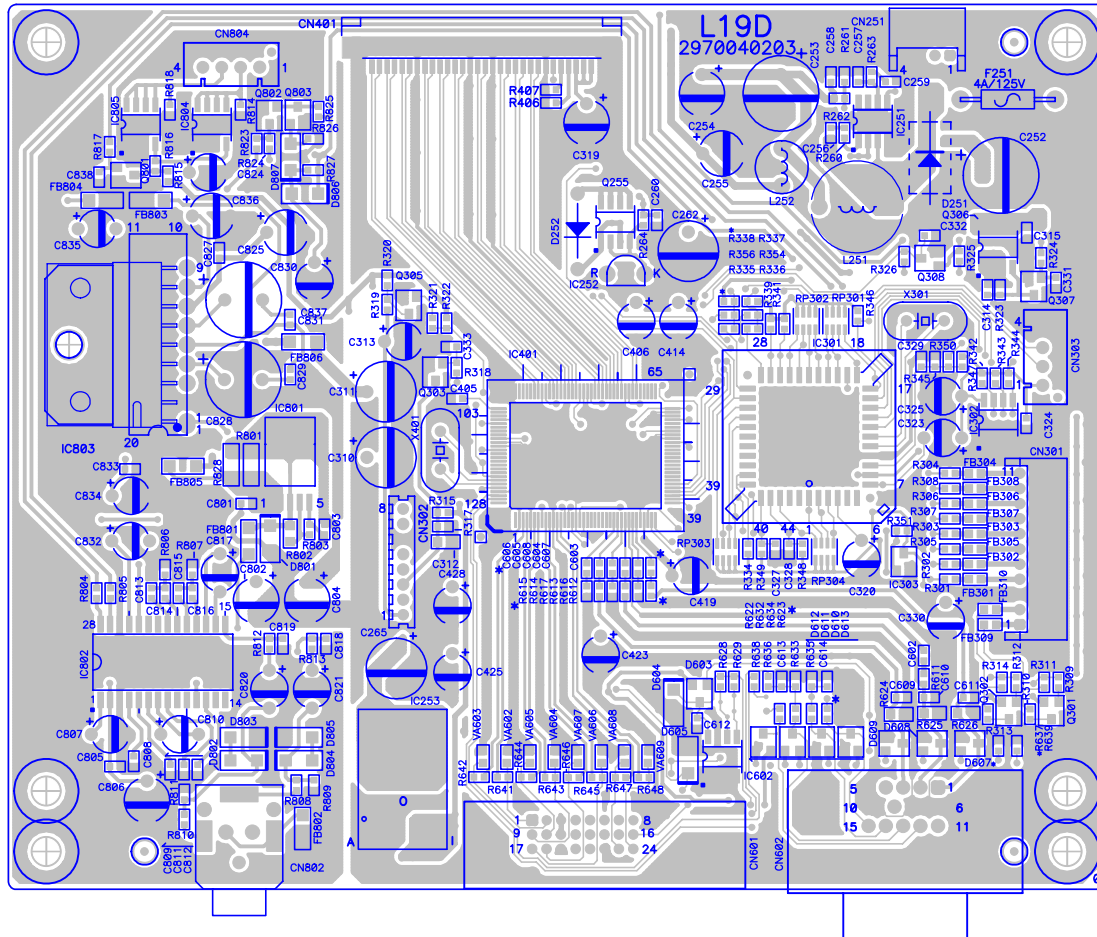






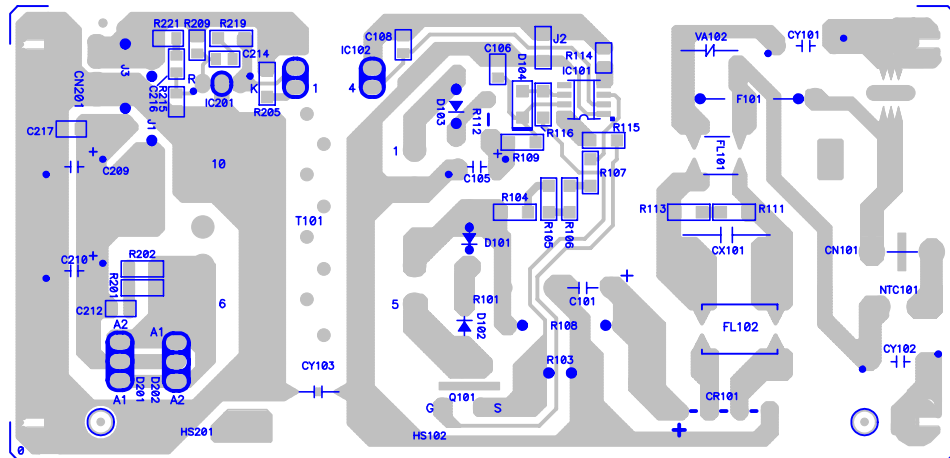
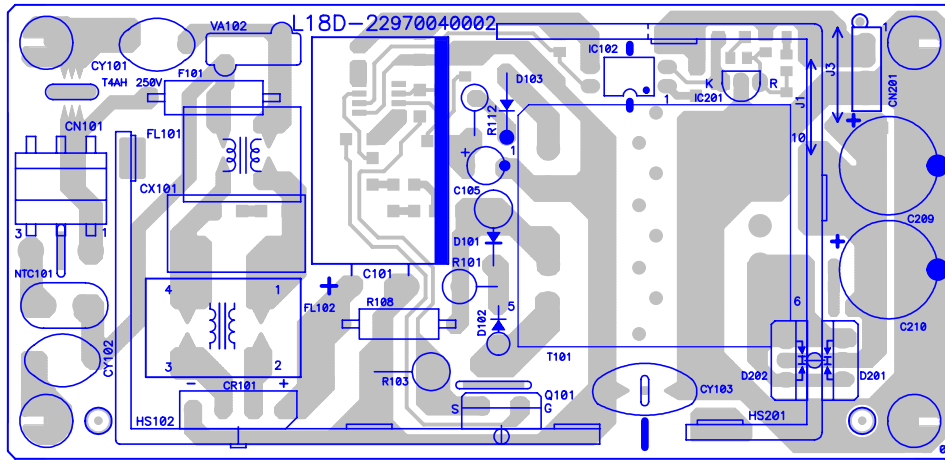
## 11. PCB Layout Diagrams

### Main Board

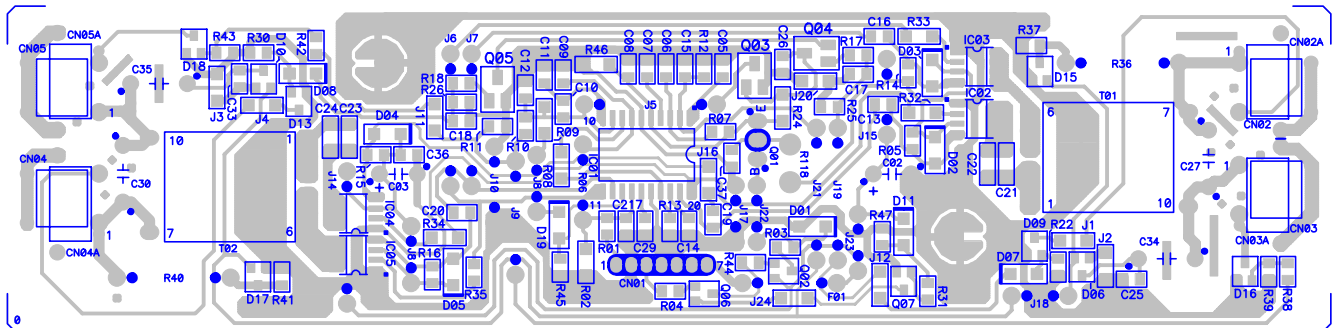
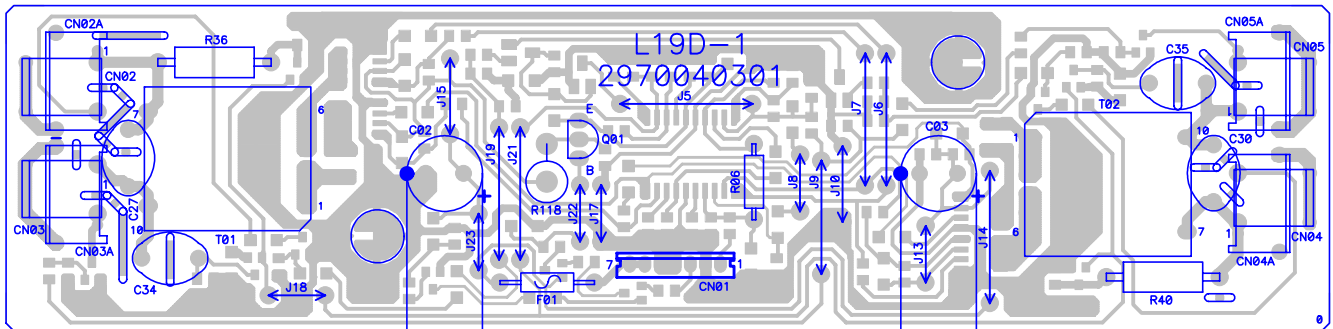




## Power Board



## Control Board



## **\*Reader's Response\***

Dear Readers:

Thank you in advance for your feedback on our Service Manual, which allows continuous improvement of our products. We would appreciate your completion of the Assessment Matrix below, for return to ViewSonic Corporation.

### Assessment

A. What do you think about the content after reading **VG910s/b** Service Manual?

| <i>Unit</i>                                 | <i>Excellent</i> | <i>Good</i> | <i>Fair</i> | <i>Bad</i> |
|---|------------------|-------------|-------------|------------|
| 1. Precautions And Safety Notices           |                  |             |             |            |
| 2. Specification                            |                  |             |             |            |
| 3. Front Panel Function Control Description |                  |             |             |            |
| 4. Circuit Description                      |                  |             |             |            |
| 5. Adjusting Procedure                      |                  |             |             |            |
| 6. Trouble Shooting Flow Chart              |                  |             |             |            |
| 7. Recommended Spare Parts List             |                  |             |             |            |
| 8. Exploded Diagram and Spare Parts List    |                  |             |             |            |
| 9. Block Diagram                            |                  |             |             |            |
| 10. Schematic Diagrams                      |                  |             |             |            |
| 11. PCB Layout Diagrams                     |                  |             |             |            |

B. Are you satisfied with the **VG910s/b** service manual?

| <i>Item</i>               | <i>Excellent</i> | <i>Good</i> | <i>Fair</i> | <i>Bad</i> |
|---------------------------|------------------|-------------|-------------|------------|
| 1. Service Manual Content |                  |             |             |            |
| 2. Service Manual Layout  |                  |             |             |            |
| 3. The form and listing   |                  |             |             |            |

C. Do you have any other opinion or suggestion about this service manual?

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### Reader's basic data:

|          |  |        |  |
|----------|--|--------|--|
| Name:    |  | Title: |  |
| Company: |  |        |  |
| Add.:    |  |        |  |
| Tel:     |  | Fax:   |  |
| E-mail:  |  |        |  |

After completing this form, please return it to ViewSonic Quality Assurance in the USA at facsimile 1-909-839-7943. You may also e-mail any suggestions to the Director, Quality Systems & Processes (marc.maupin@viewsonic.com)